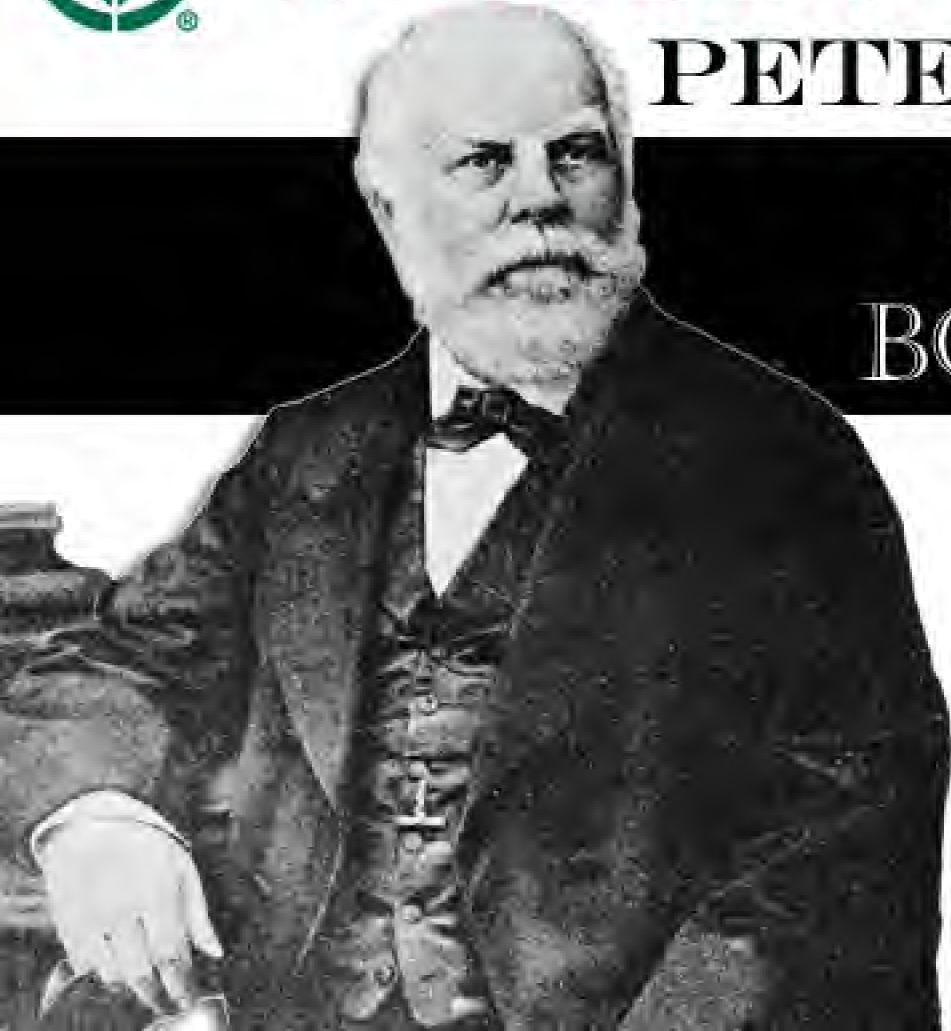
MISSOURI BOTANICAL GARDEN

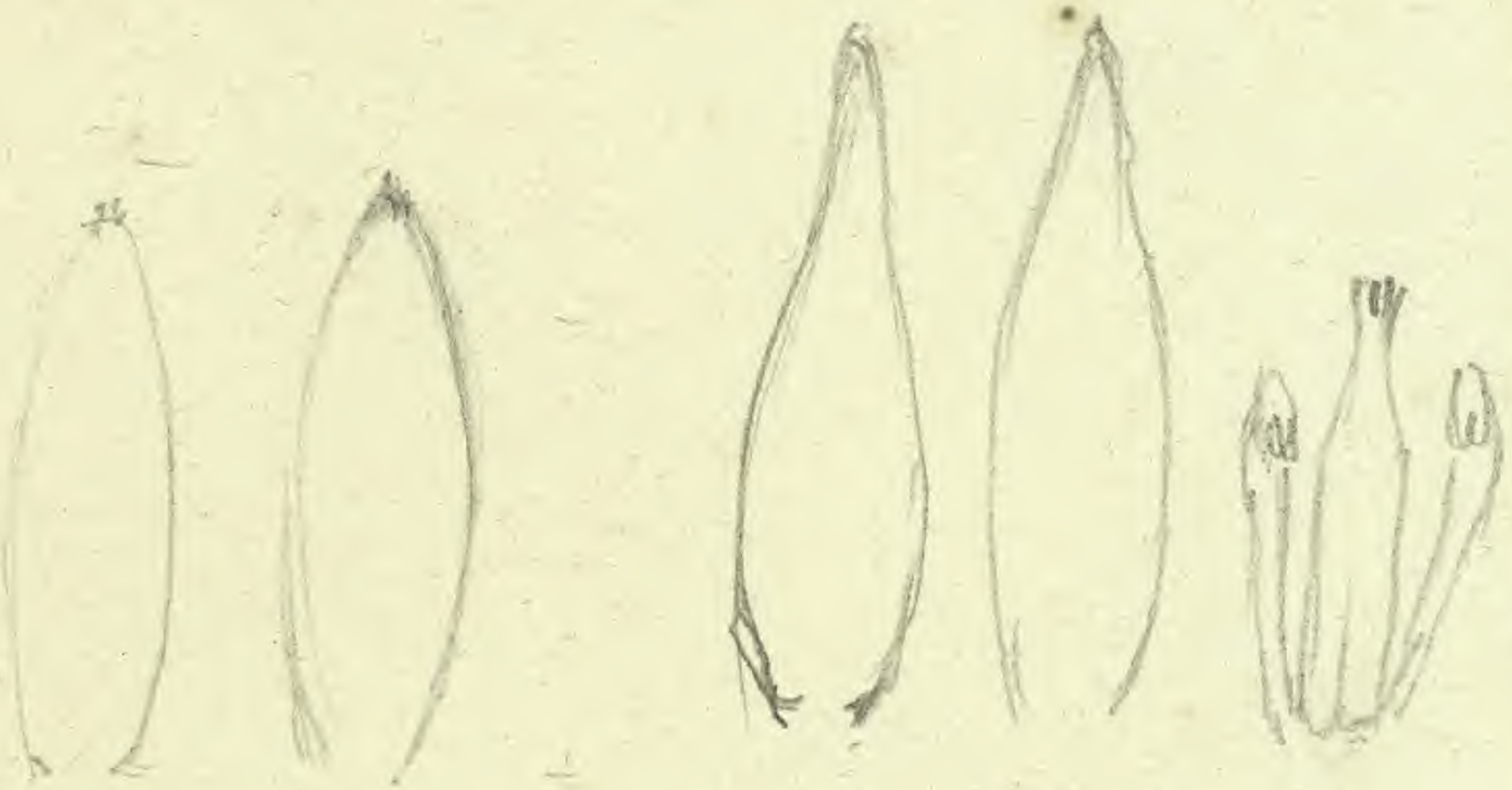
PETER H. RAVEN LIBRARY

GEORGE ENGELMANN BOTANICAL NOTEBOOKS



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

July '62



These flowers were mixed with Lindheimer's specimens of Y. longifolia, probably young, undeveloped, and depauperate — flowers 1–1¼ inch long, stamens erect.

0 1 2 3 4 5 6 7 8 9 10
cm copyright reserved
MISSOURI BOTANICAL GARDEN

8459

ALEX. LEITCH,
APOTHECARY & PHARMACEUTIST,
Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

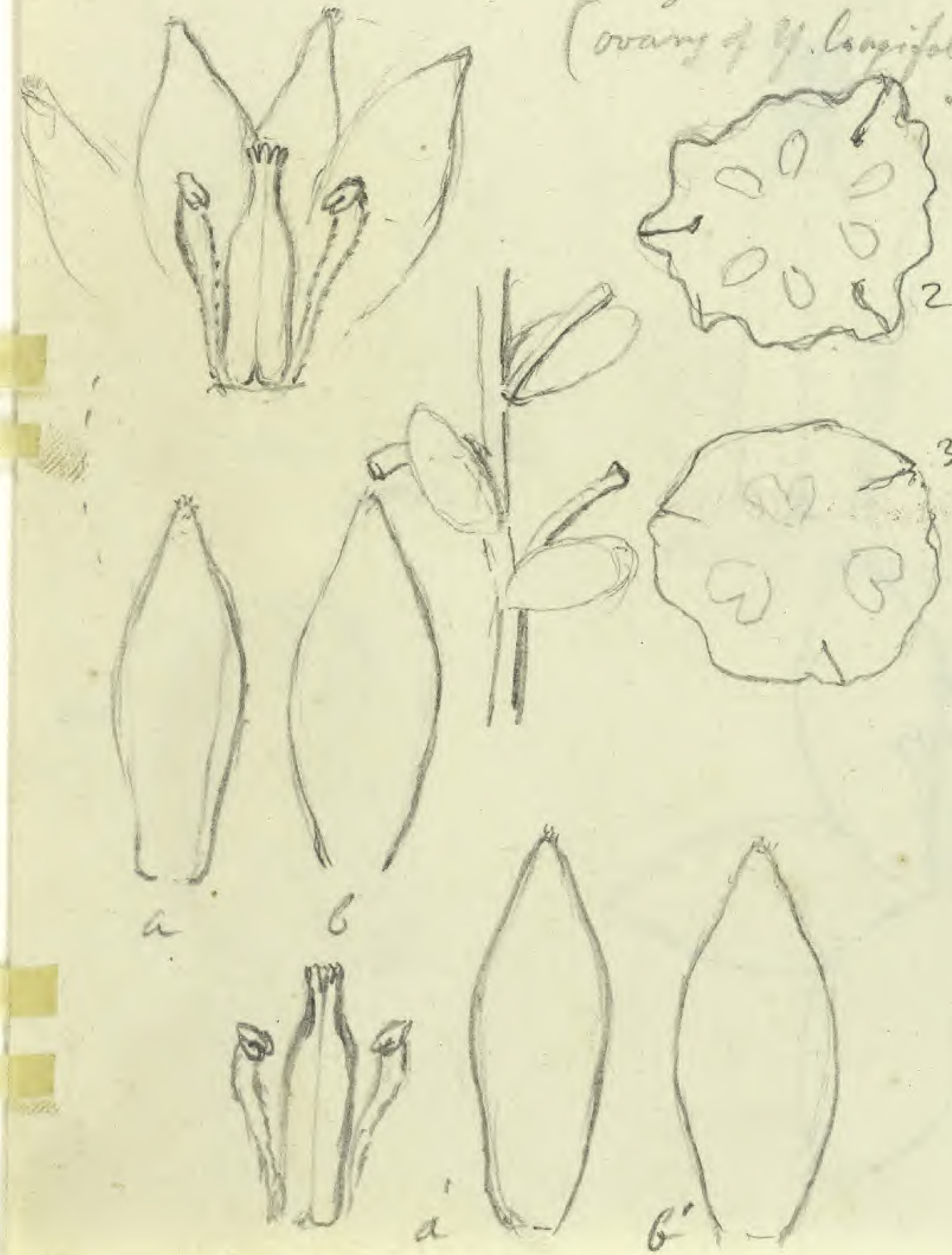
Jan 11 1871

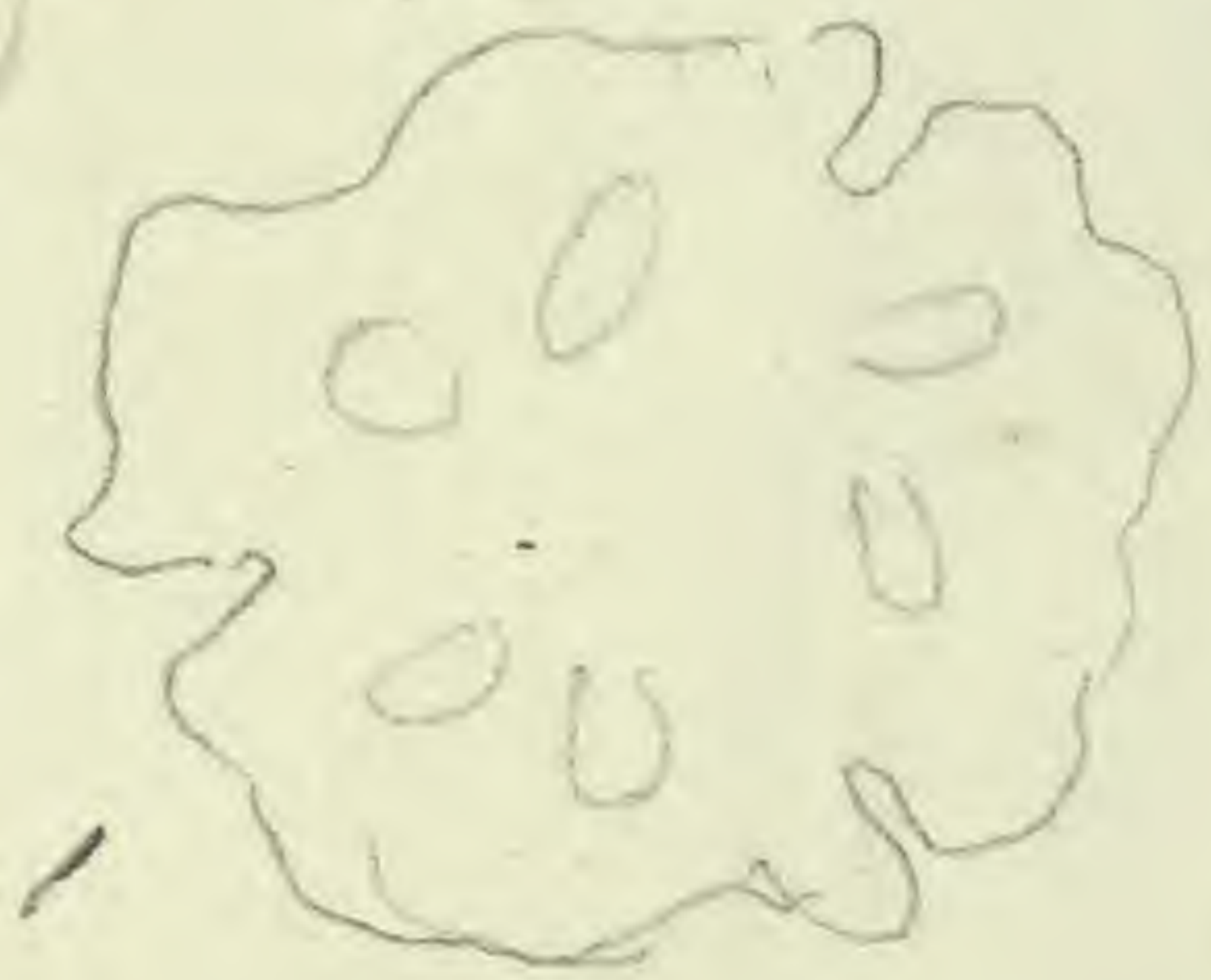
Yucca
(ovary of Y. longifolia! Apr 70)

Gregg. 802, 20-30 feet high
north of Monterey

July 1862

slit between carpels
open





0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved

MISSOURI
BOTANICAL
GARDEN

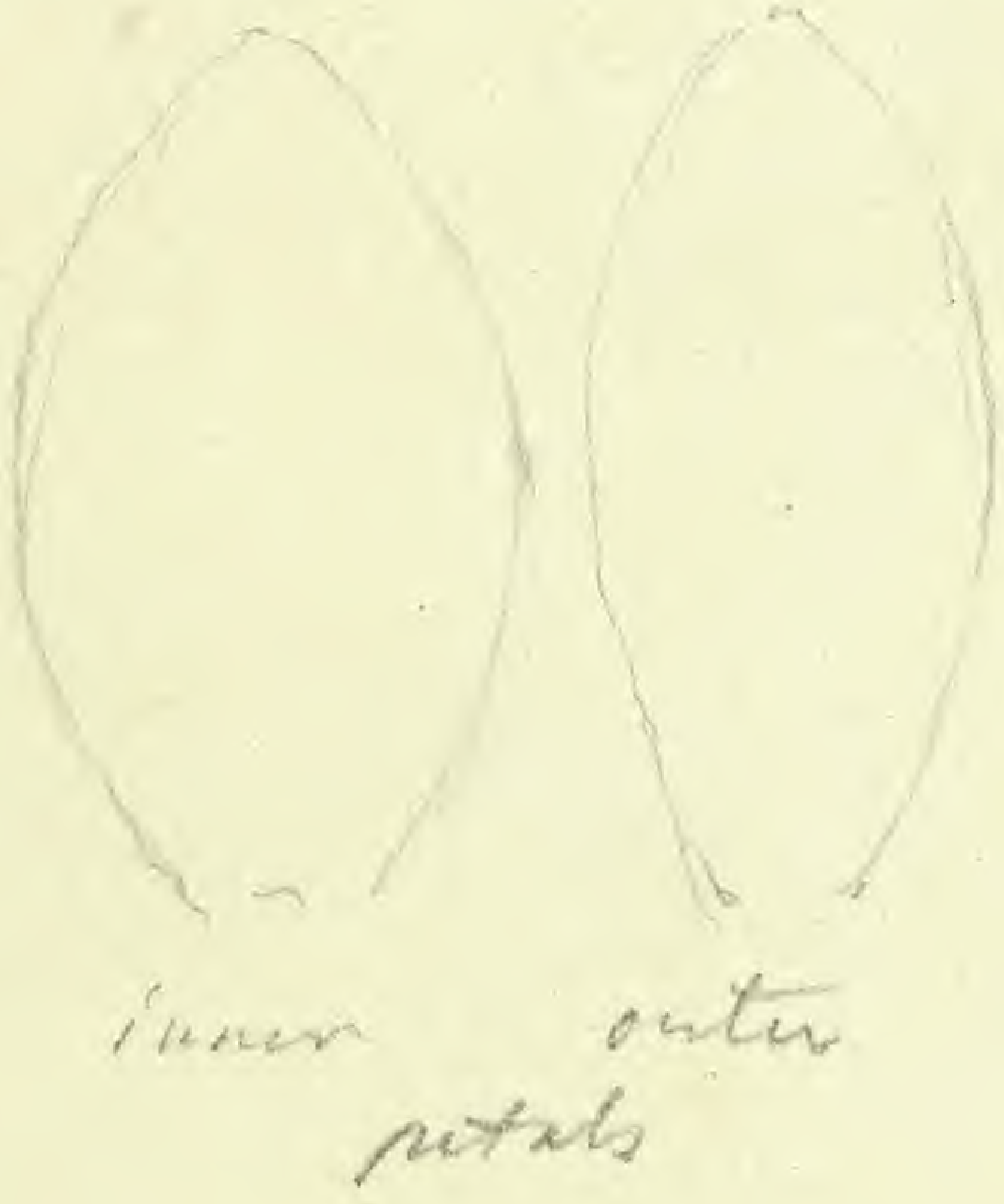
1847

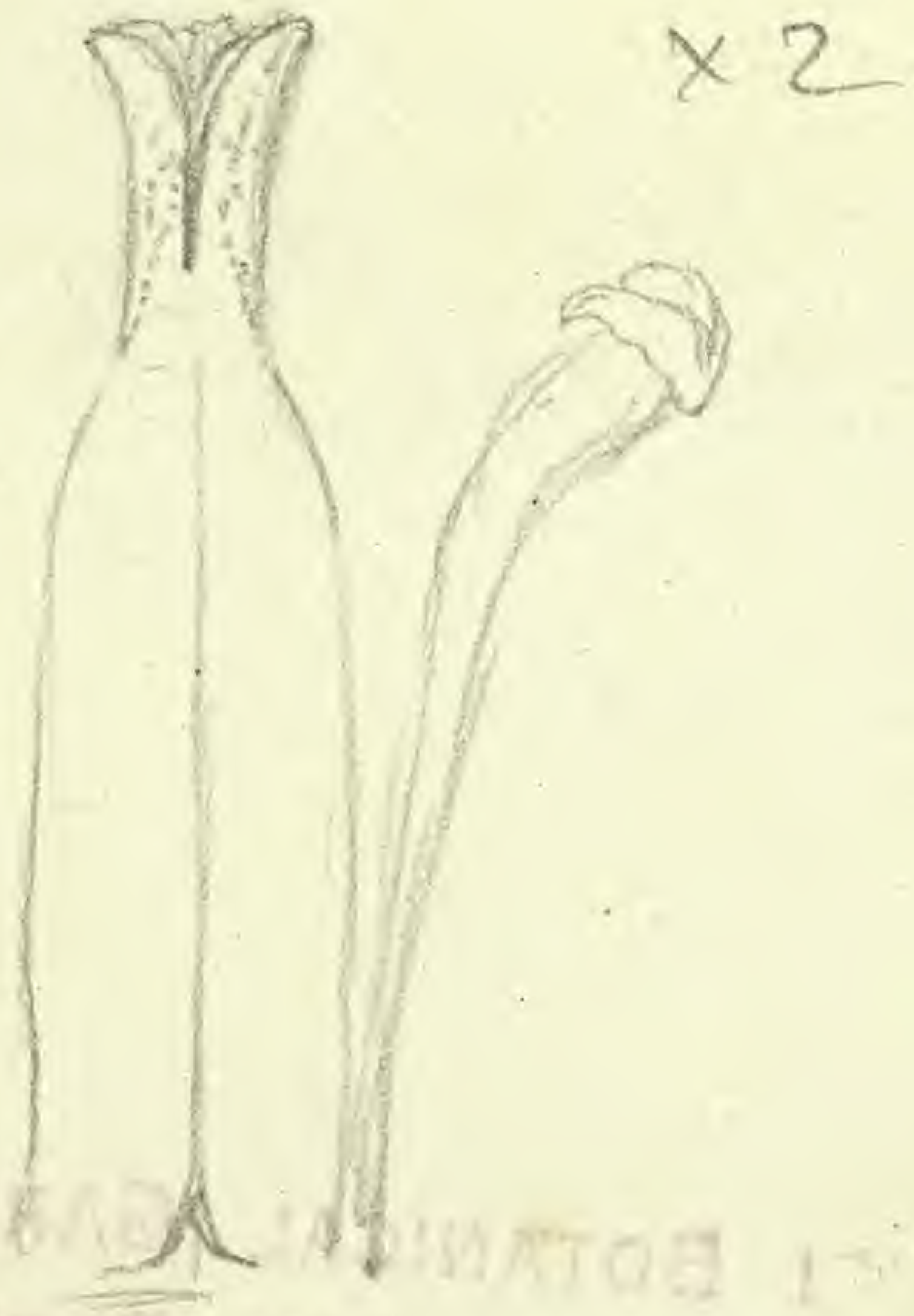
8460

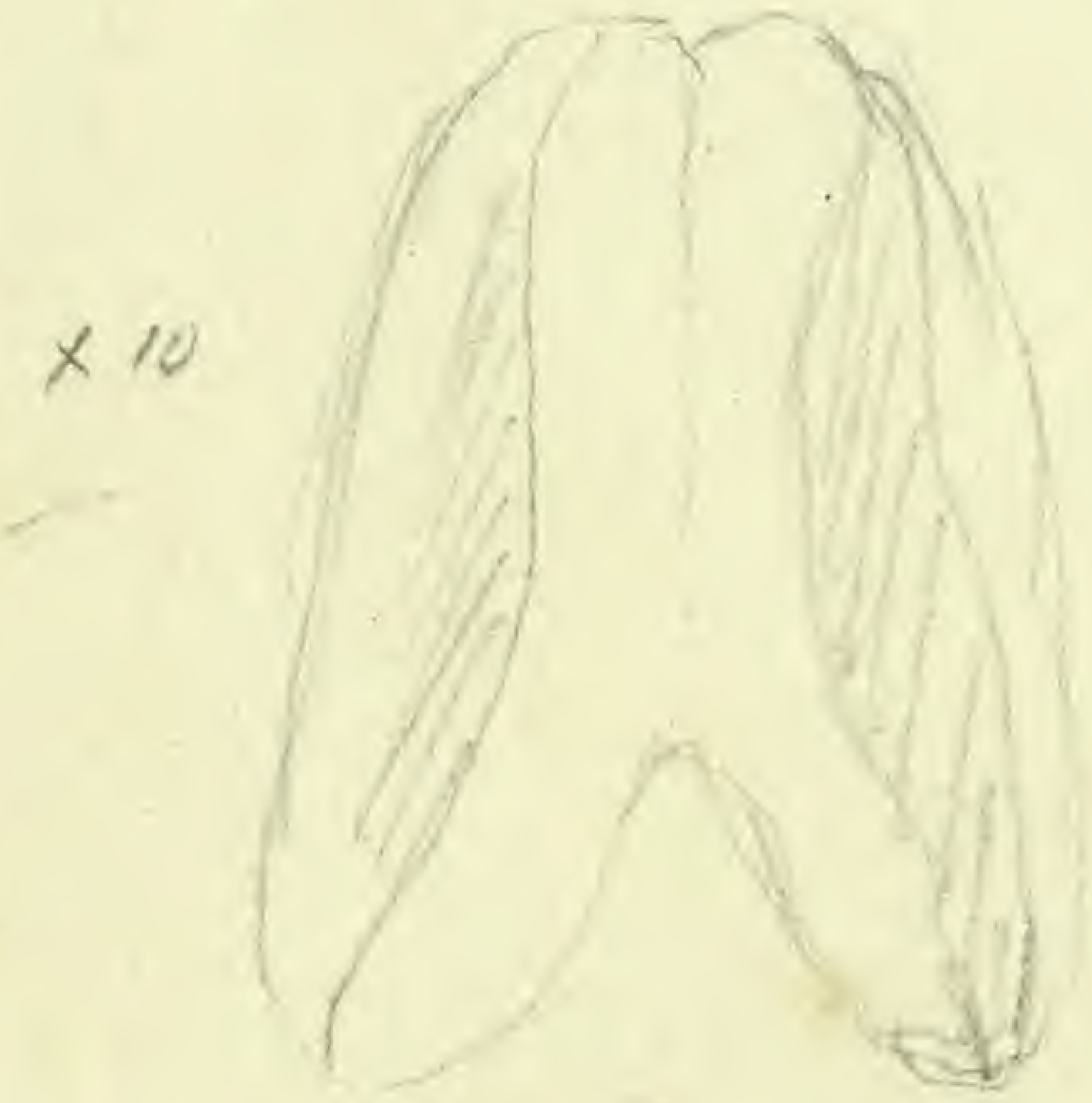
Missouri
Botanical
Garden
copyright reserved

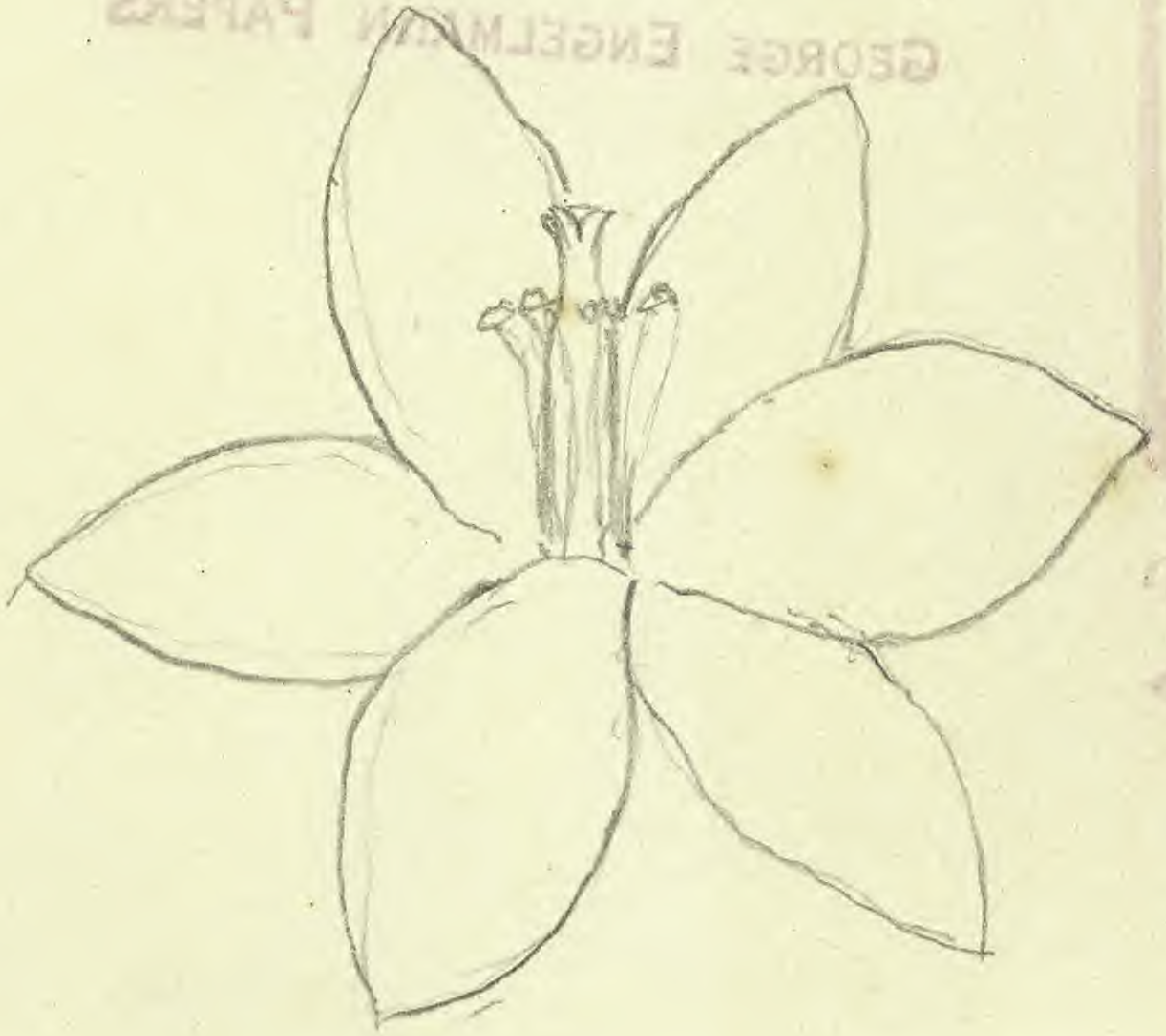
Jan 11 1871

Dr Gregg. 802 1847









0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
Missouri Botanical Garden

8461

EITCH,
S,

CHEMIST.
A.

ALEX. LEITCH,
APOTHECARY & CHEMIST,
Cor. 4th and Olive Sts., St. Louis.

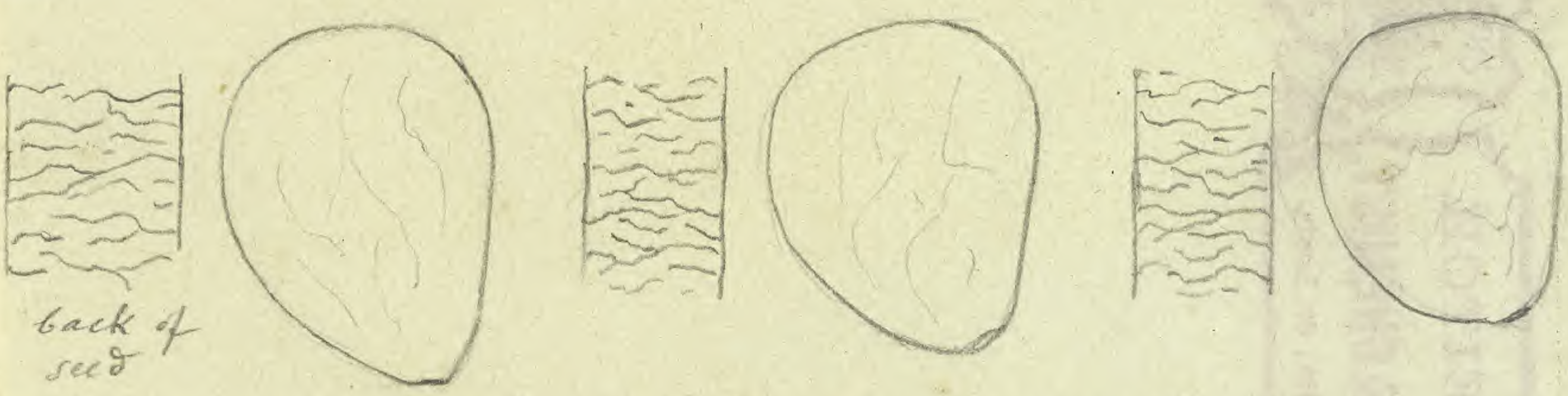
ALL THE NEW REMEDIES CONSTANTLY ON HAND

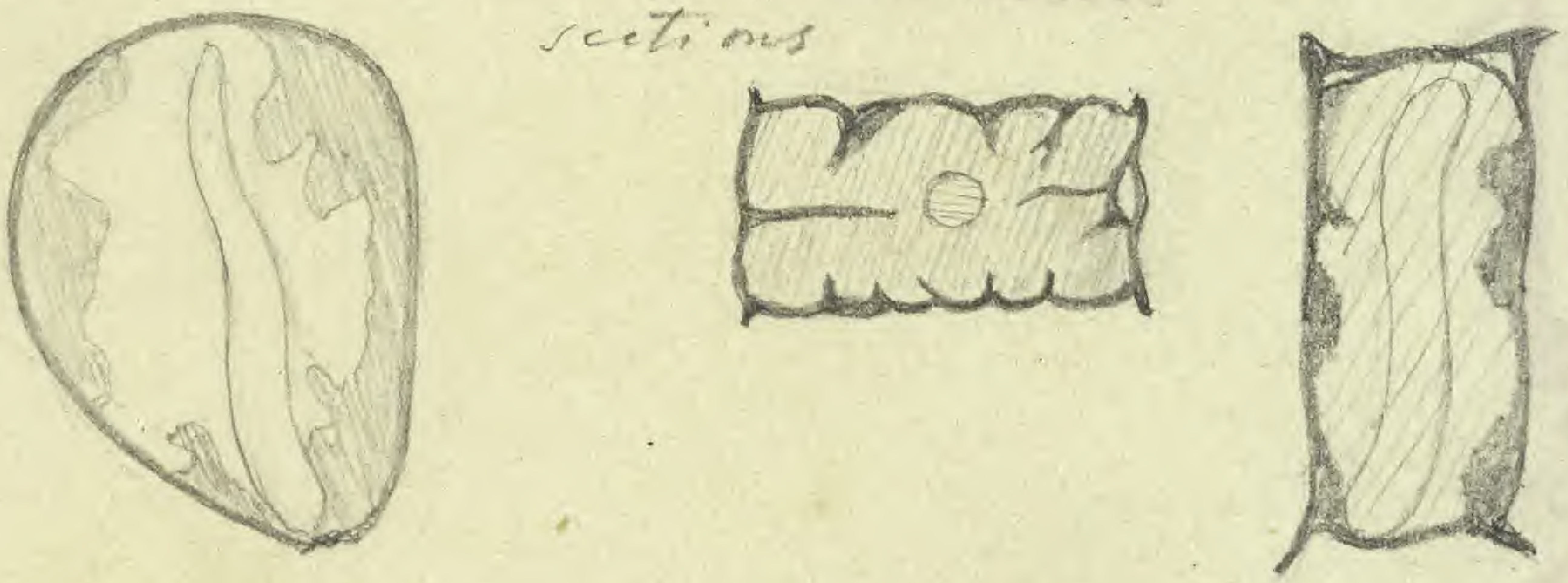
Yucca longifolia Jan 6 1870

N. Braunfels, Lindheimer

soaked

x4





0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

8462

CHEMIST. A.L.

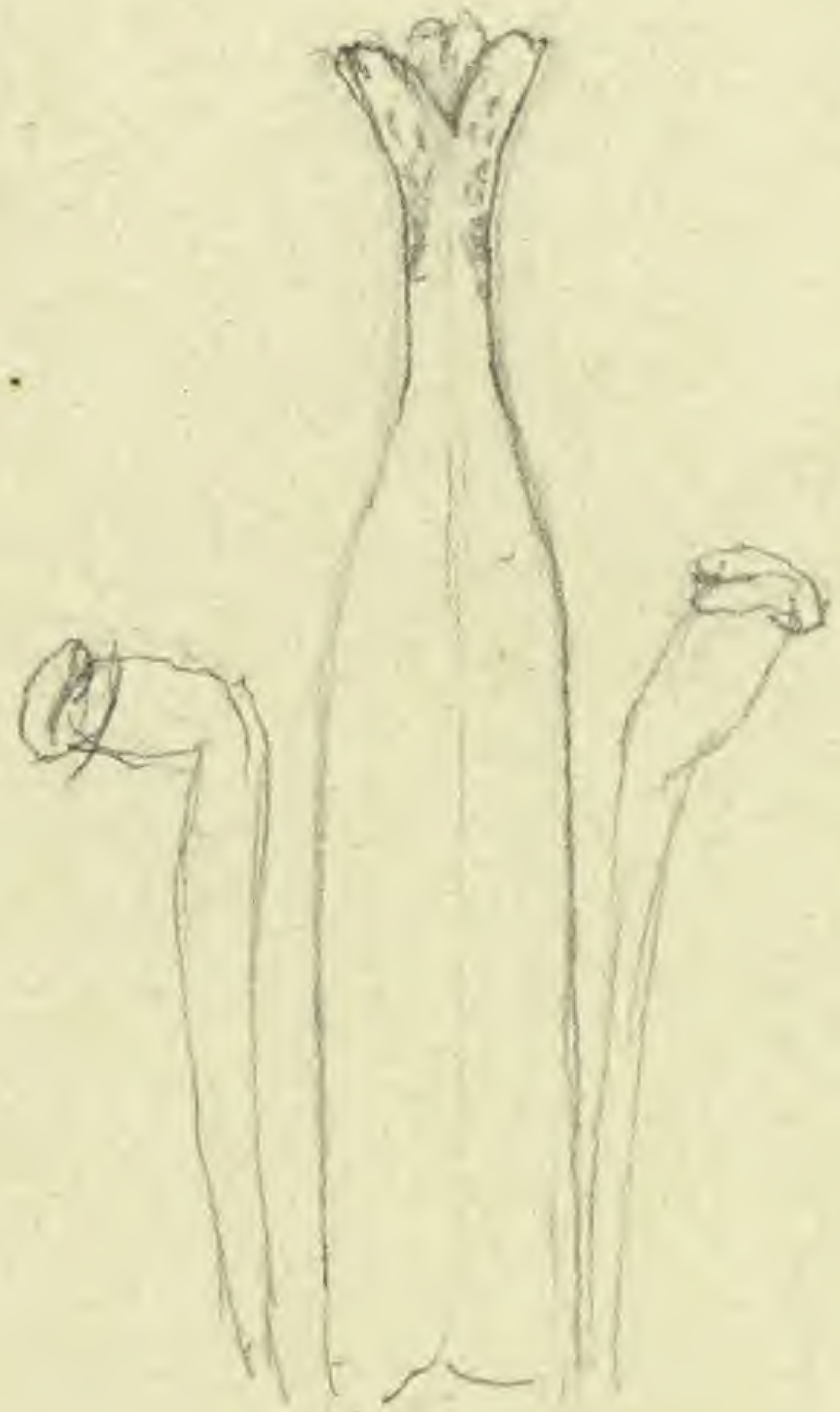
ALEX. LEITCH,
APOTHECARY & CHEMIST,
Cor. 4th and Olive Sts., St. Louis.

ALL THE NEW REMEDIES CONSTANTLY ON HAND

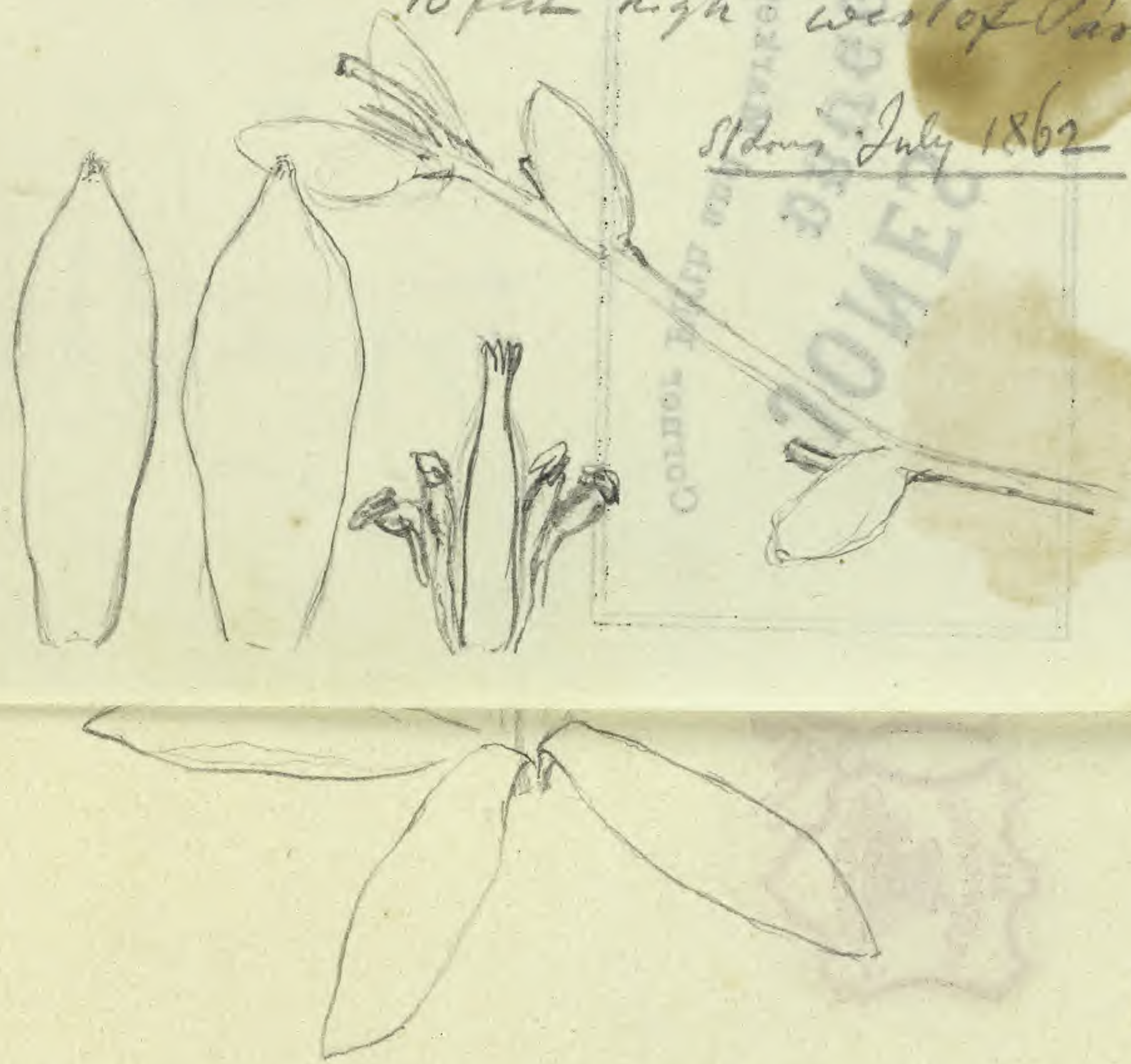
0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

Dr Gregg 404

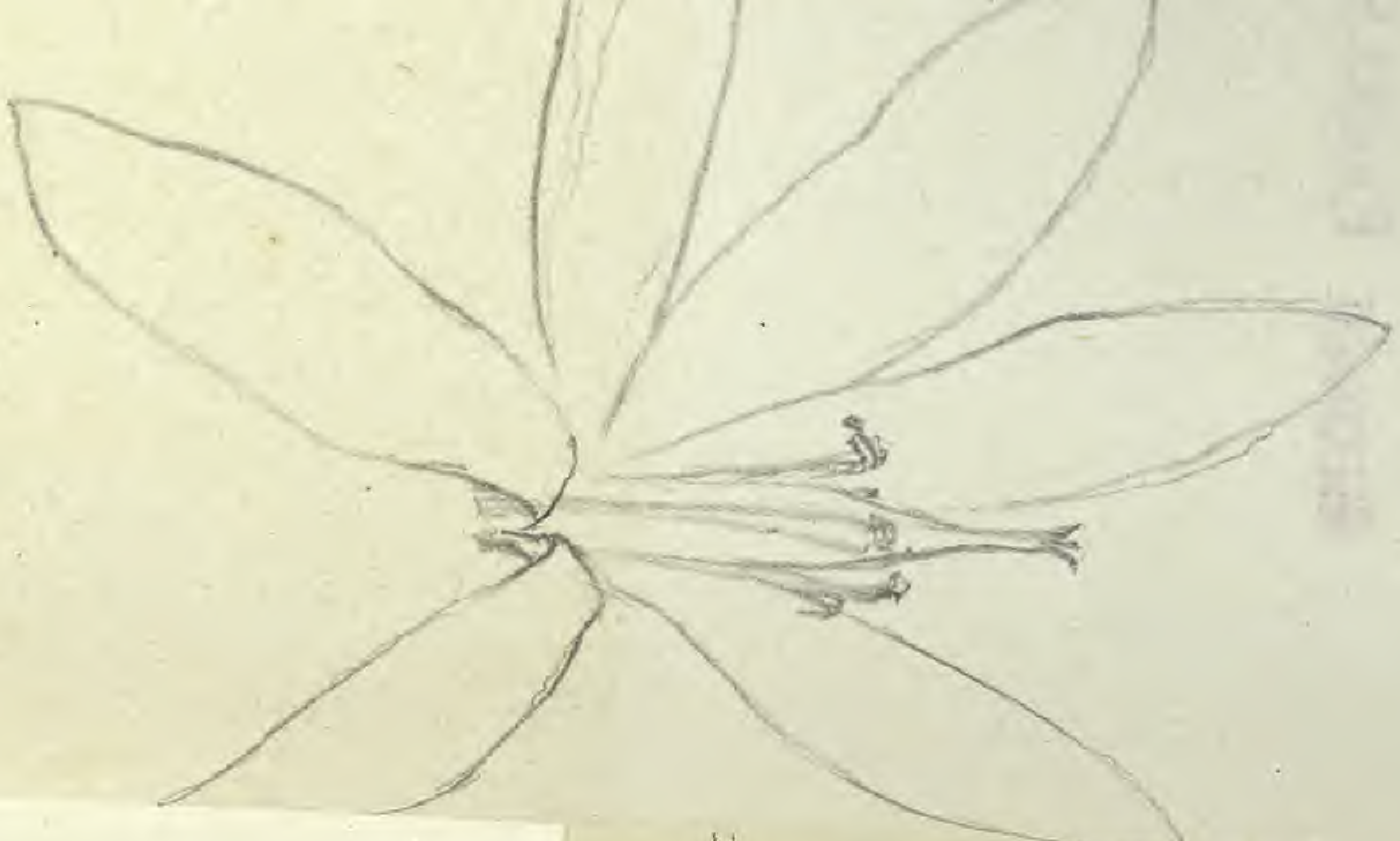
x 2



Gregg. No 404
10 feet high west of Parras
St Louis July 1862



0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

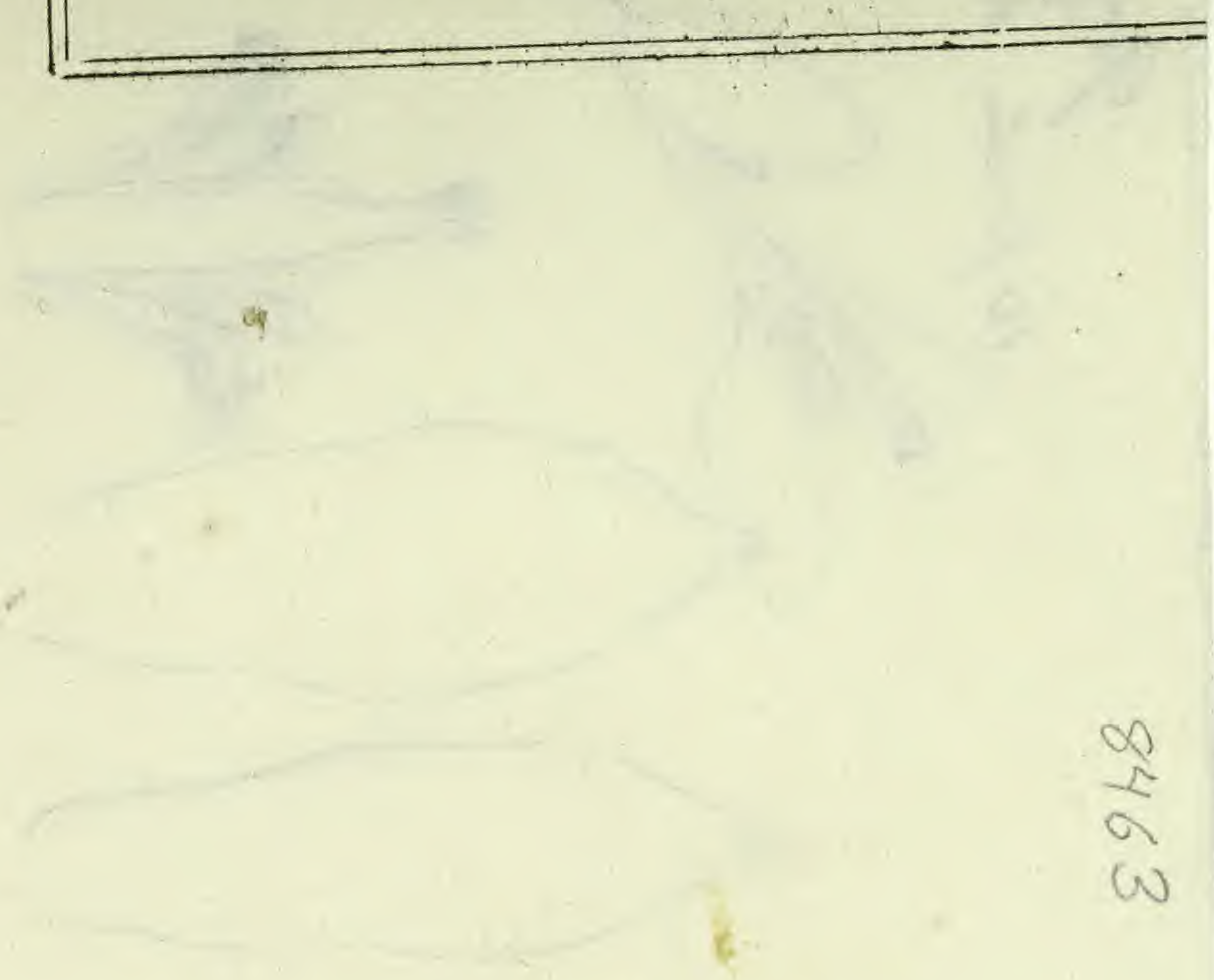


ud not
Carted

x10

JO

Corner Fifth and Market Stree

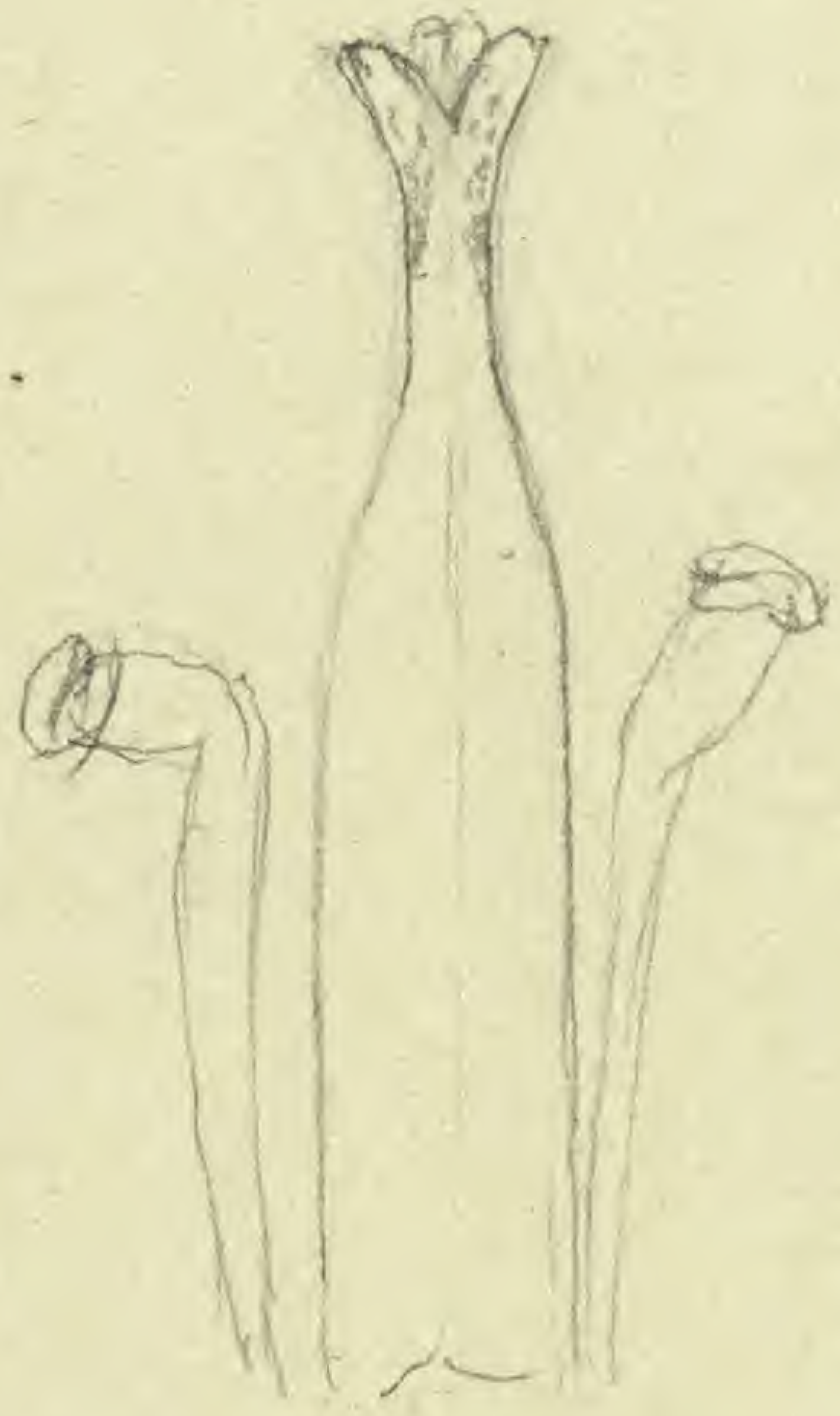


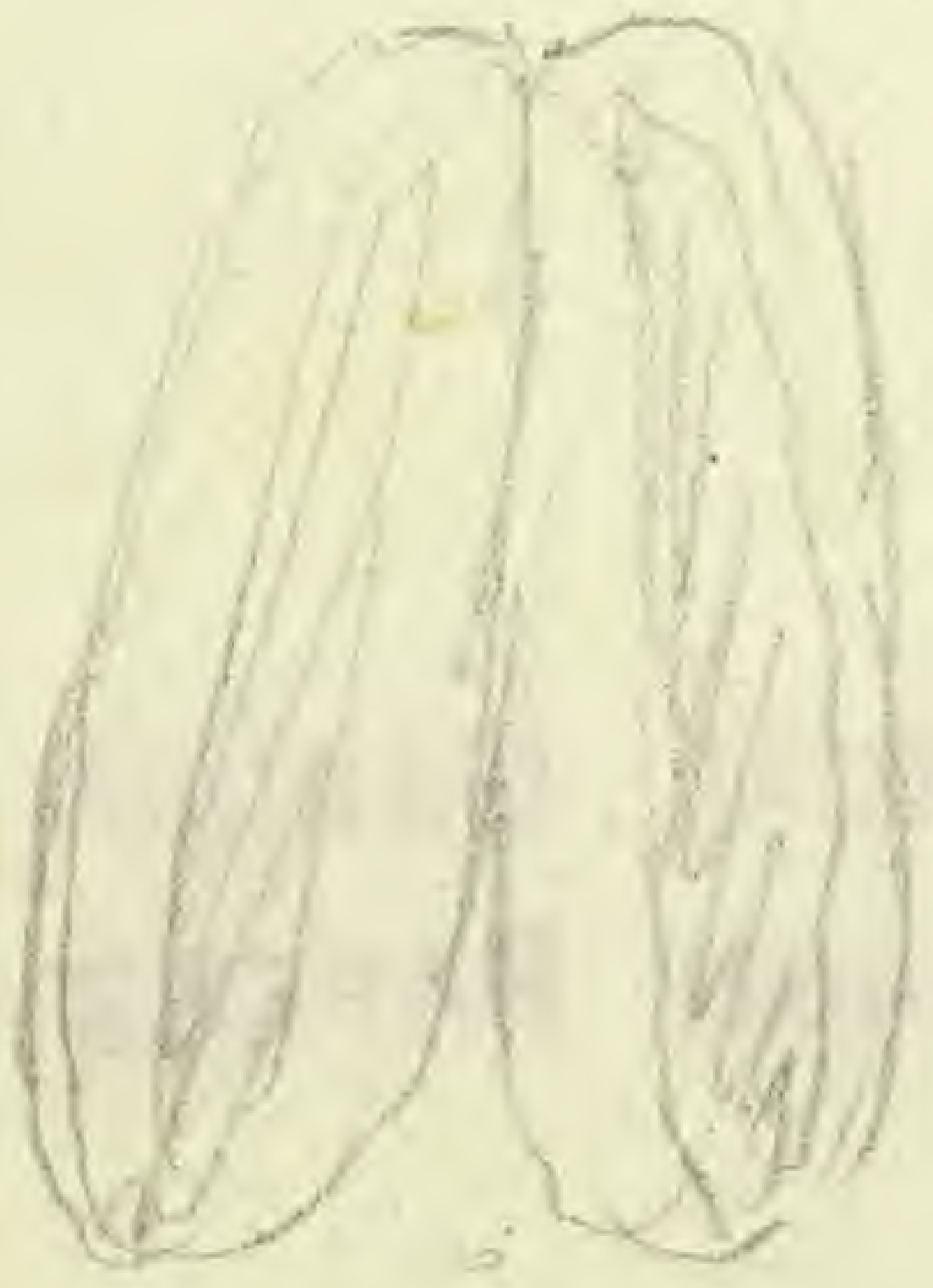
8463

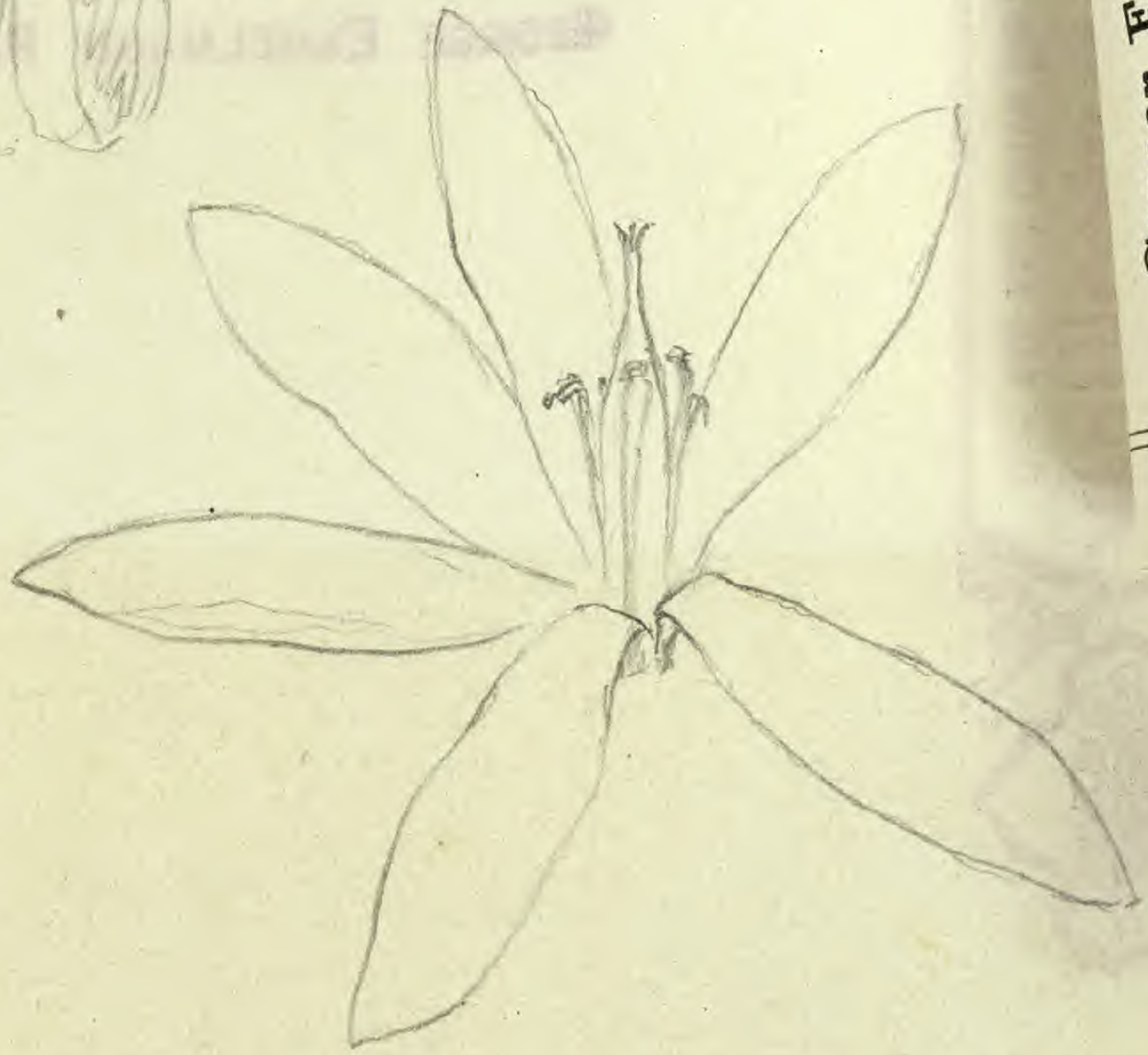
Jan 10 1871

Dr Gregg 404

soaked but not
boiled







Corner Fifth and

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
Missouri Botanical Garden

8464

CHEMIST

ALEX. LEITCH,

APOTHECARY & CHEMIST,

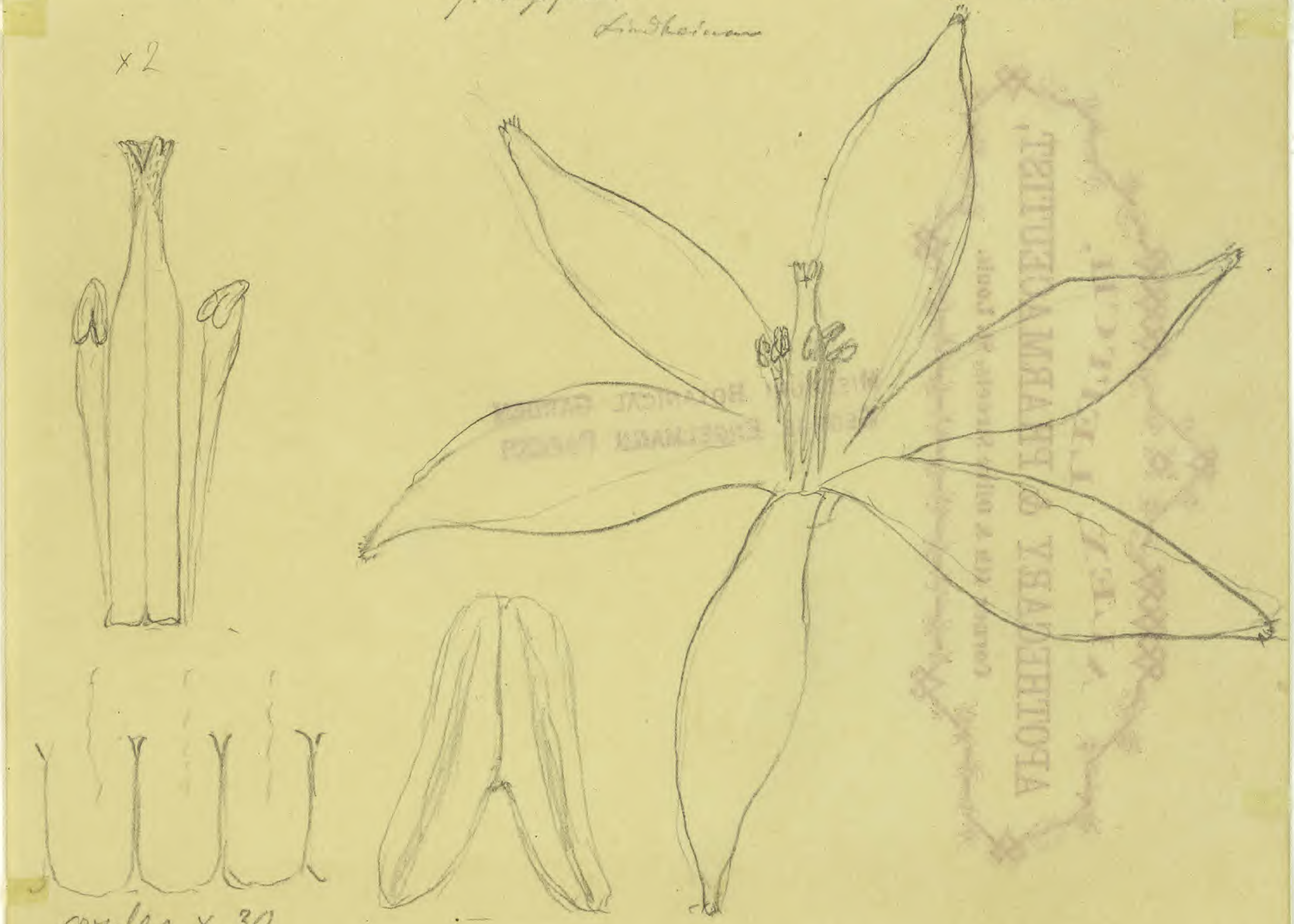
Cor. 4th and Olive Sts., St. Louis.

ALL THE NEW REMEDIES CONSTANTLY ON HAND

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

Y. longifolia
Lindheimeriana

Jan 11 1877



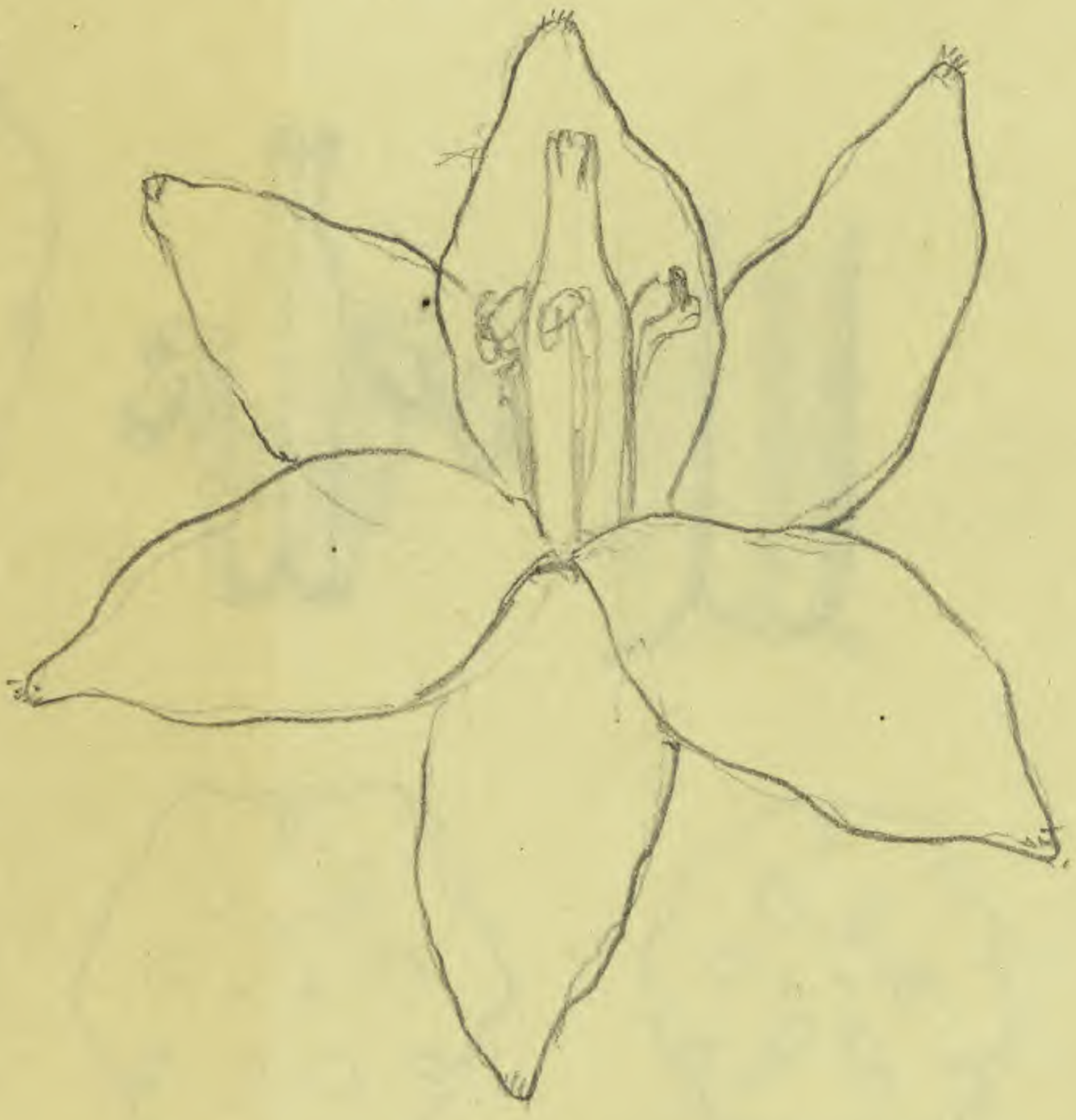
8465

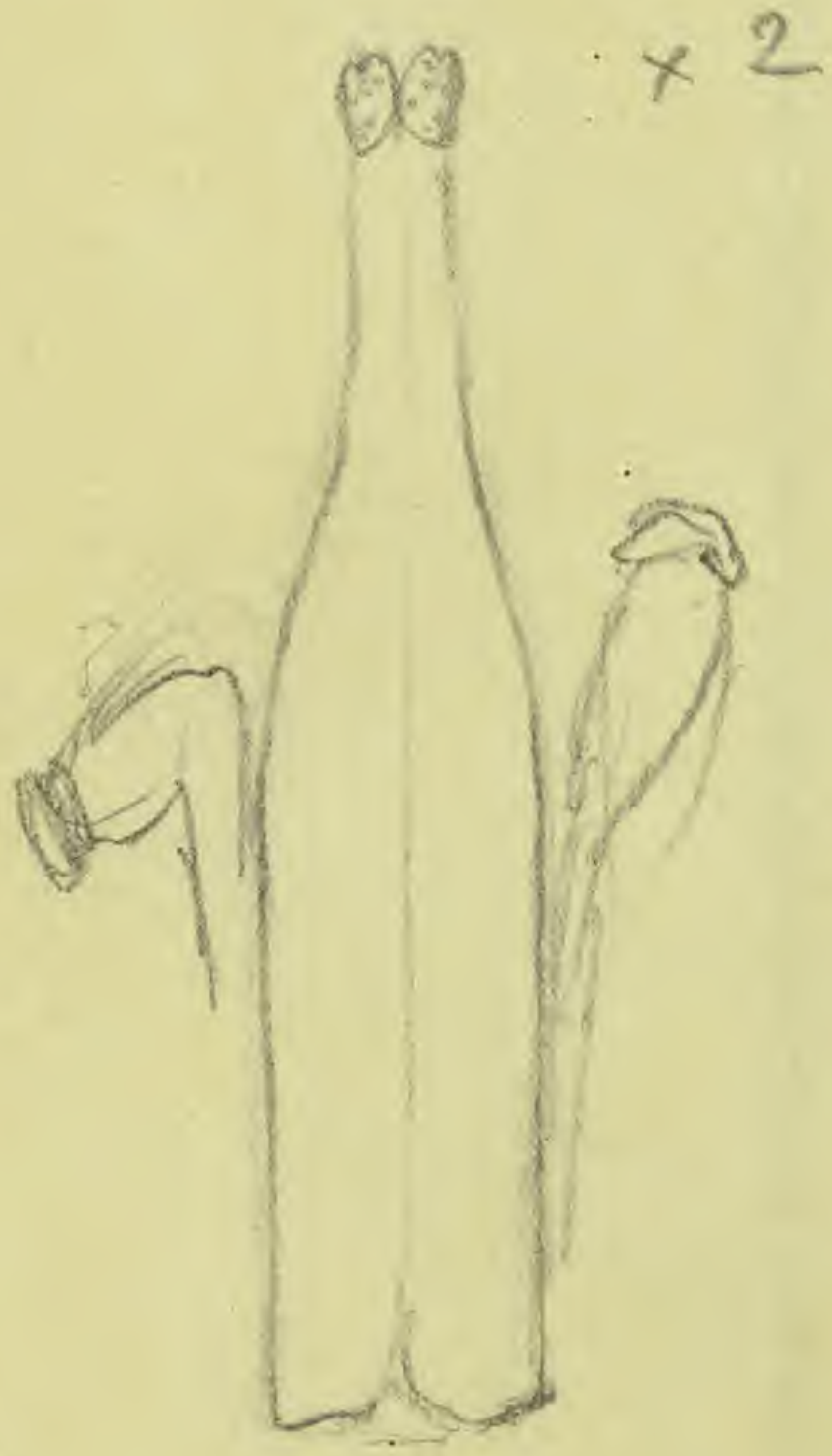
ALEX. LEITCH,
APOTHECARY & PHARMACEUTIST,
Corner 4th & Olive Streets, St. Louis.

0 1 2 3 4 5 6 7 8 9 10
cm copyright reserved
MISSOURI BOTANICAL GARDEN

Yucca longifolia?　　Jan 11 1871

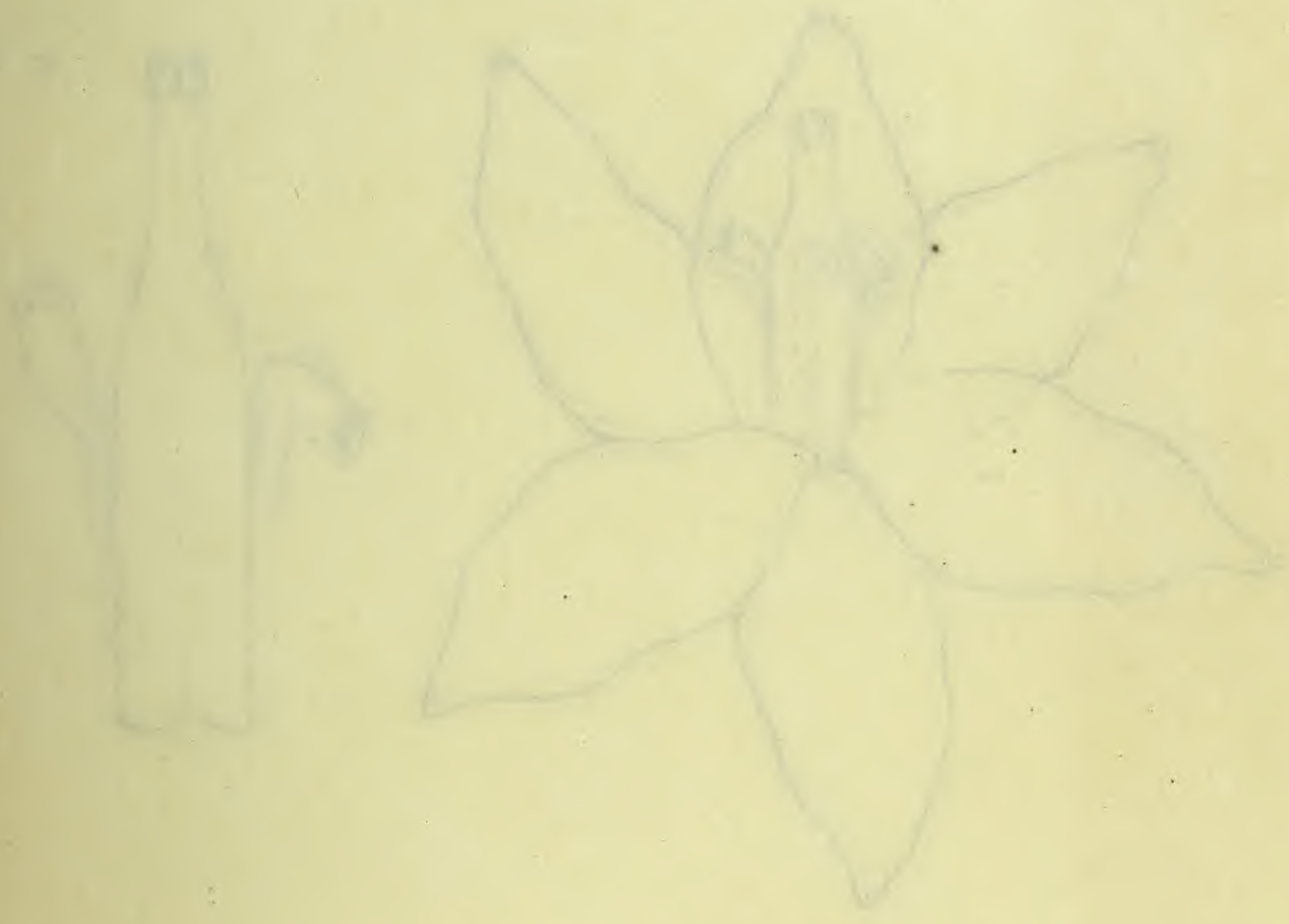
243 Dr Wislizenus
San Pablo, south of Chihuahua　why not = puberula
fr Sonora?





ble South of (

8466



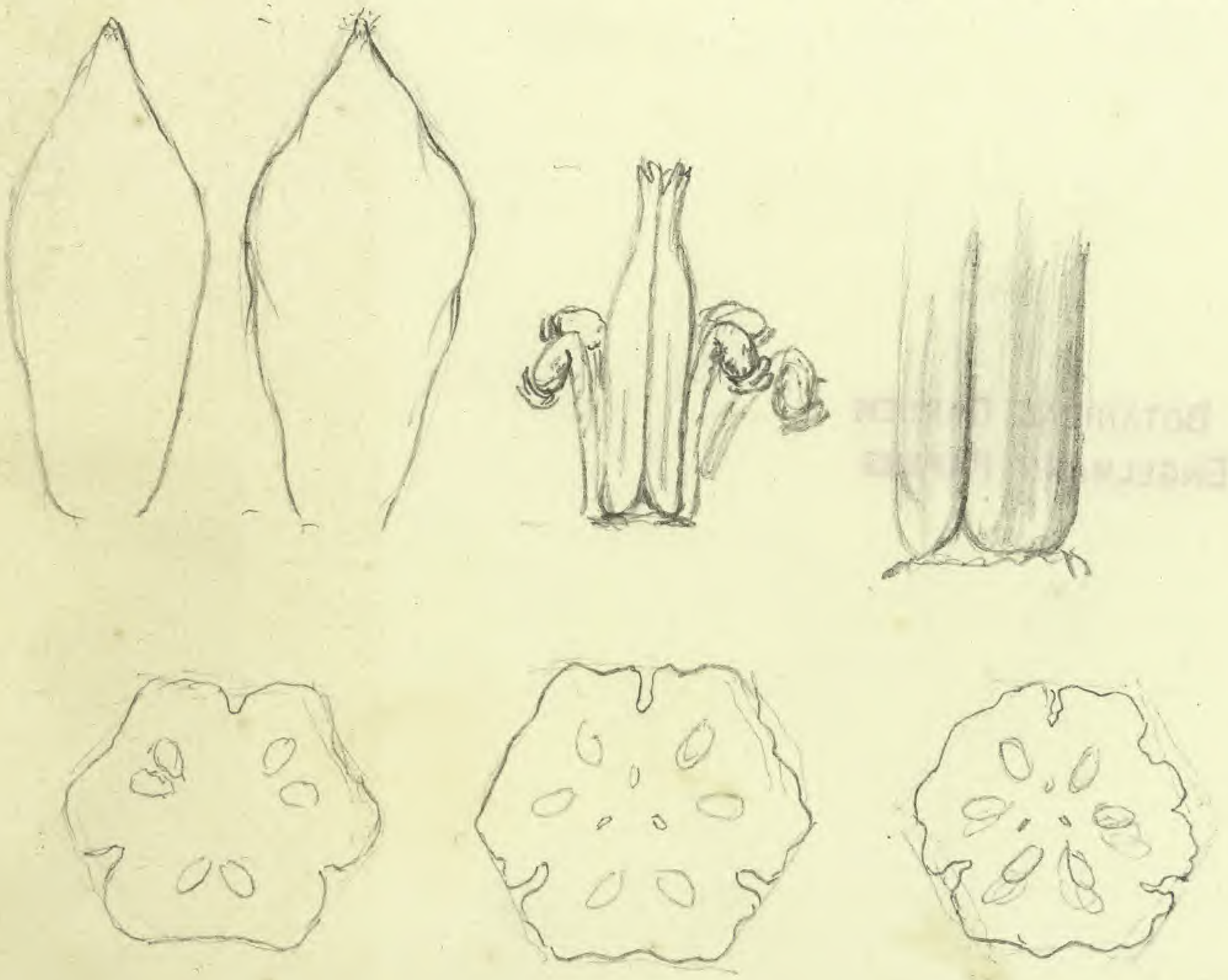
Yucca

Dr Wislizenus 243

San Pablo South of Chihuahua

July 1862

10 feet high



PHARMACEUTIST,
4th & Olive Streets, St. Louis.

0 1 2 3 4 5 6 7 8 9 10
cm copyright reserved
MISSOURI BOTANICAL GARDEN

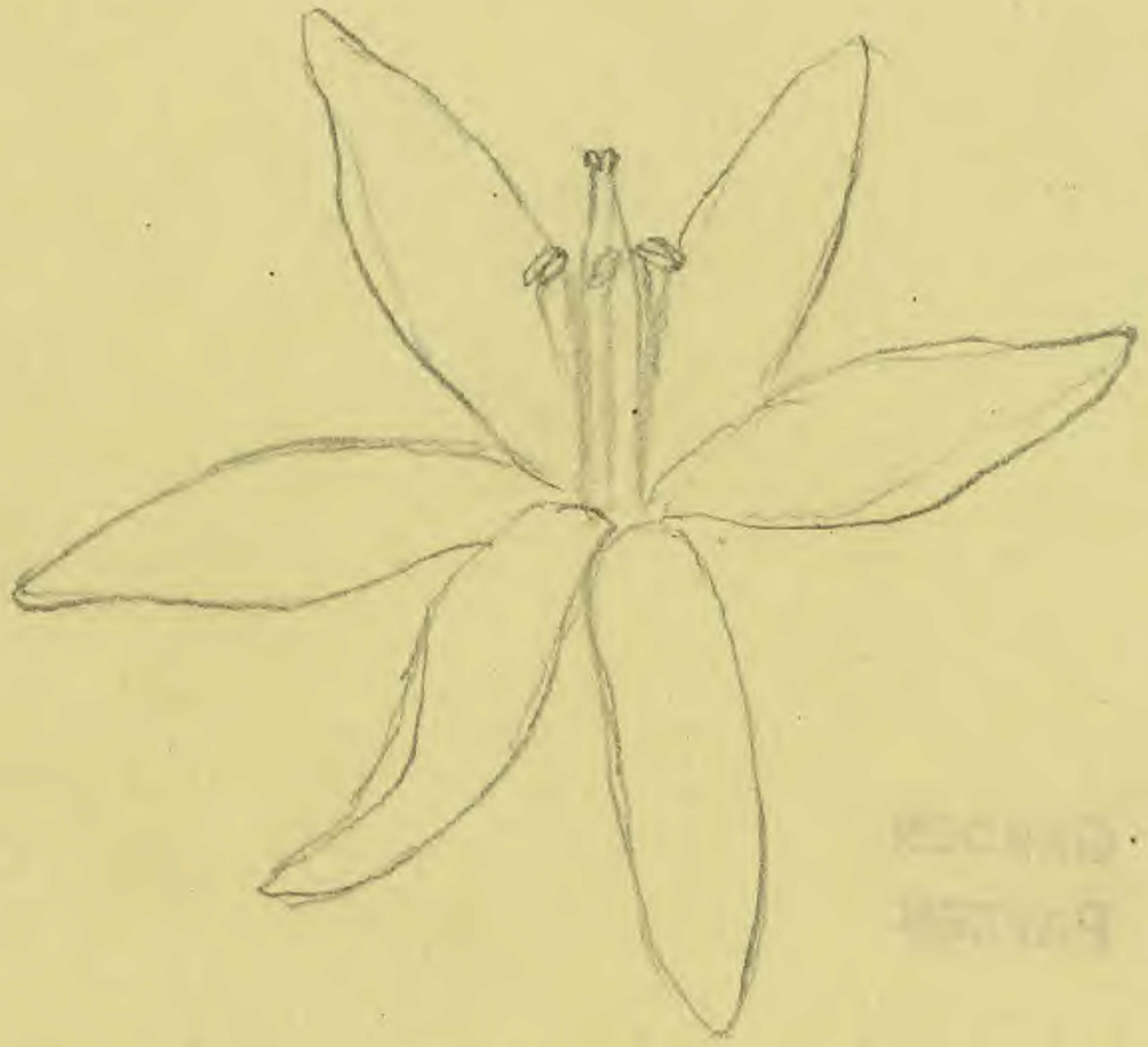
8467

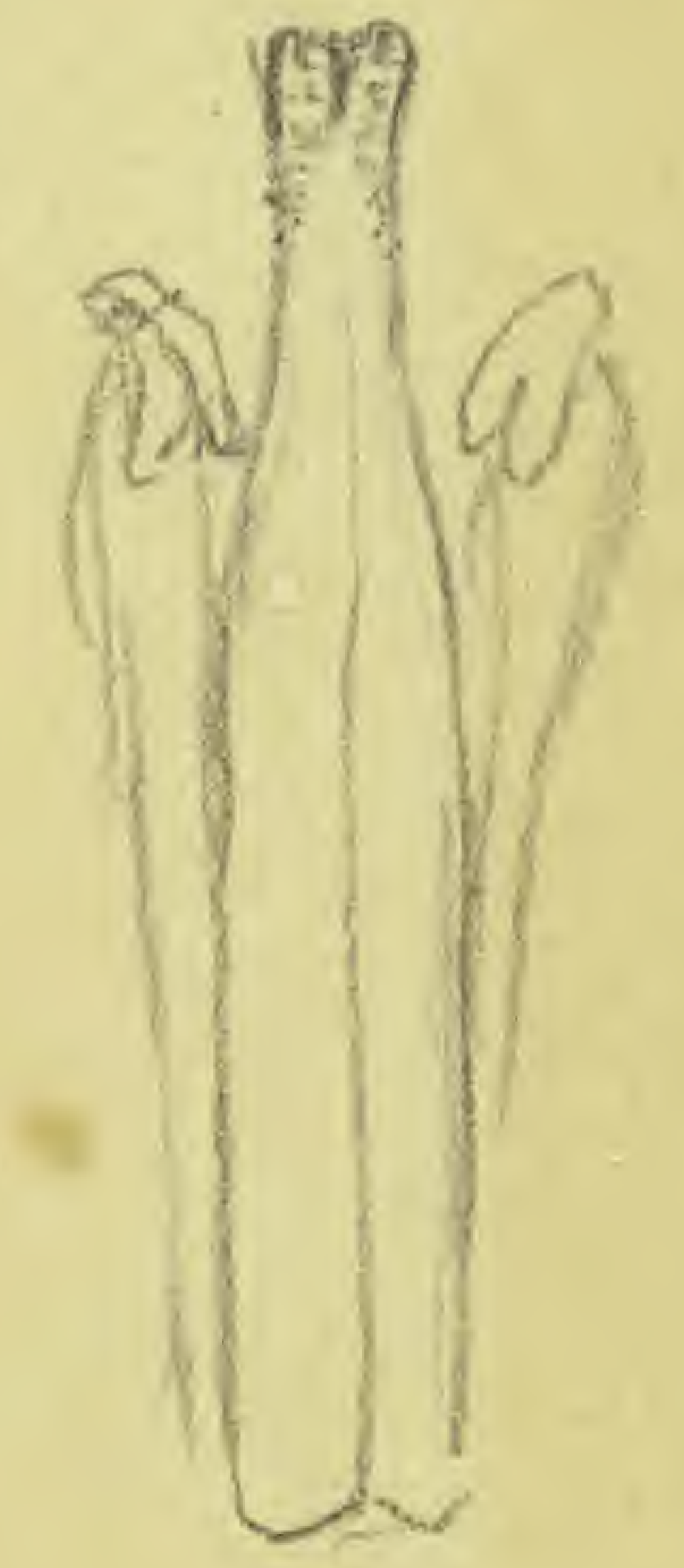
JONES & LEITCH,
DRUGGISTS,
Corner Fifth and Market Streets, St. Louis, Mo.

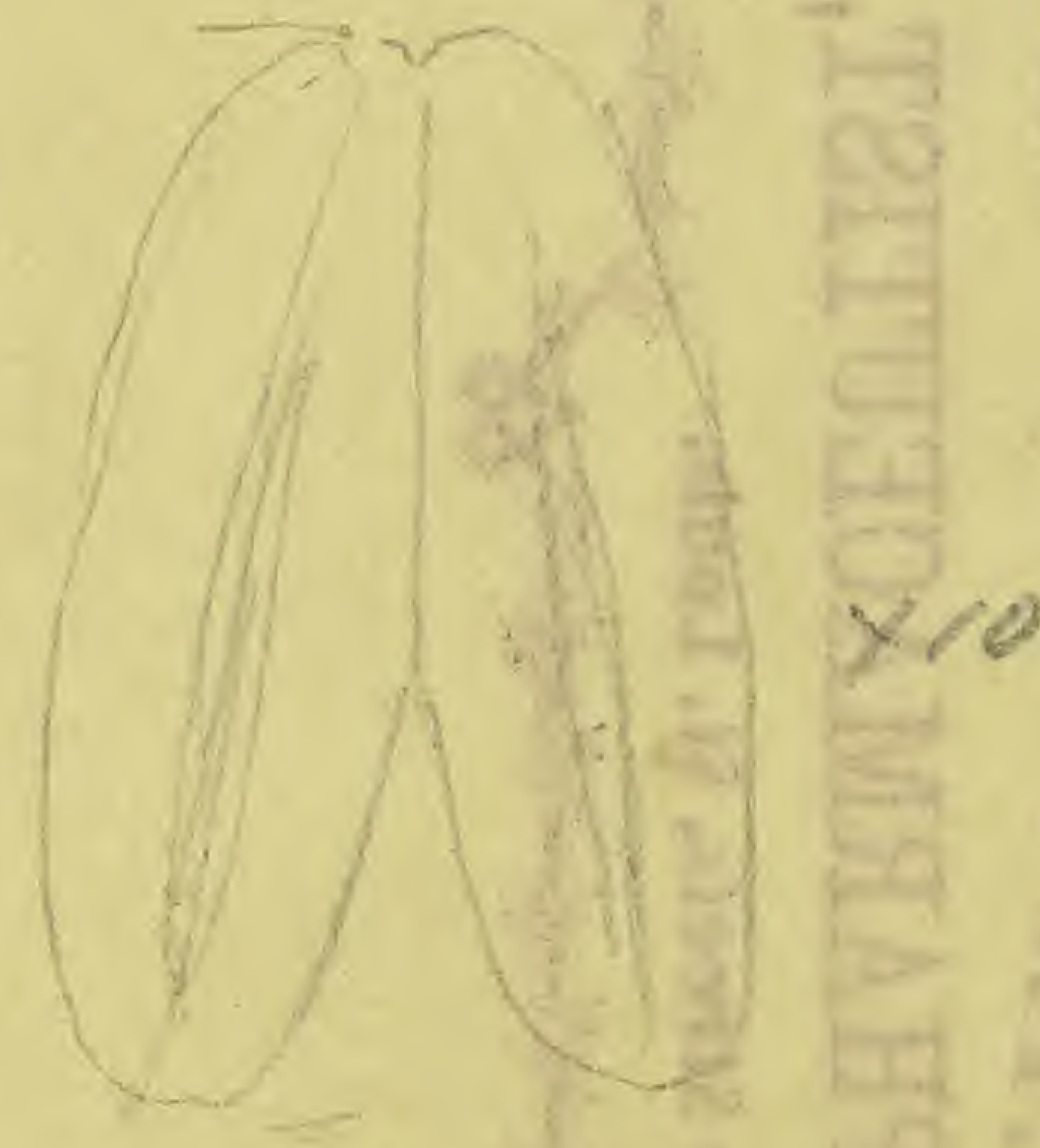
Y. longifolia　　　　　　　　　　　　Jan 11 1871

forma parviflora　N. Braunfels

F. Lindheimer







0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

8468

ALEX. LEITCH,
APOTHECARY & PHARMACEUTIST,
Corner 4th & Olive Streets, St. Louis.

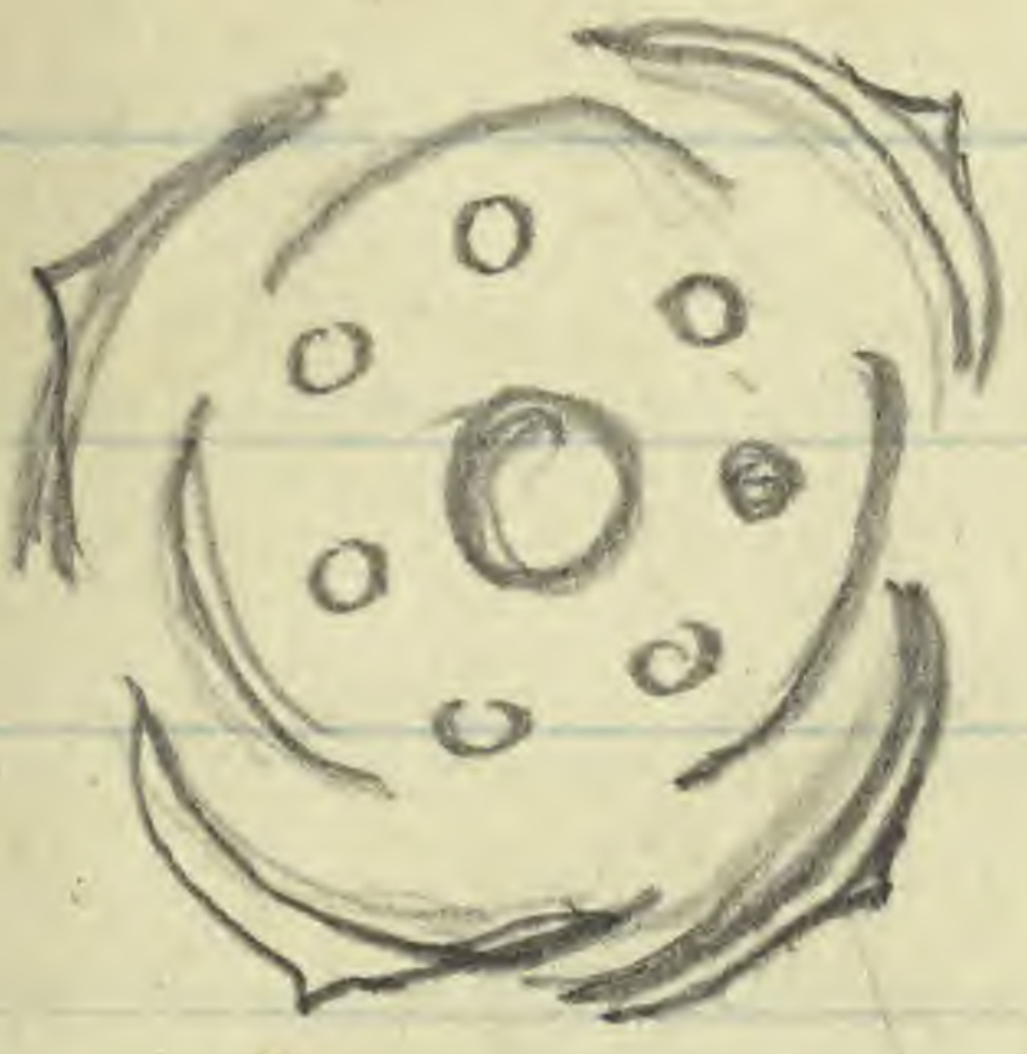
0 1 2 3 4 5 6 7 8 9 10
cm copyright reserved
MISSOURI
BOTANICAL
GARDEN

Yucca Treculiana Carrière Revue Horticole vol VII p. 280 1858

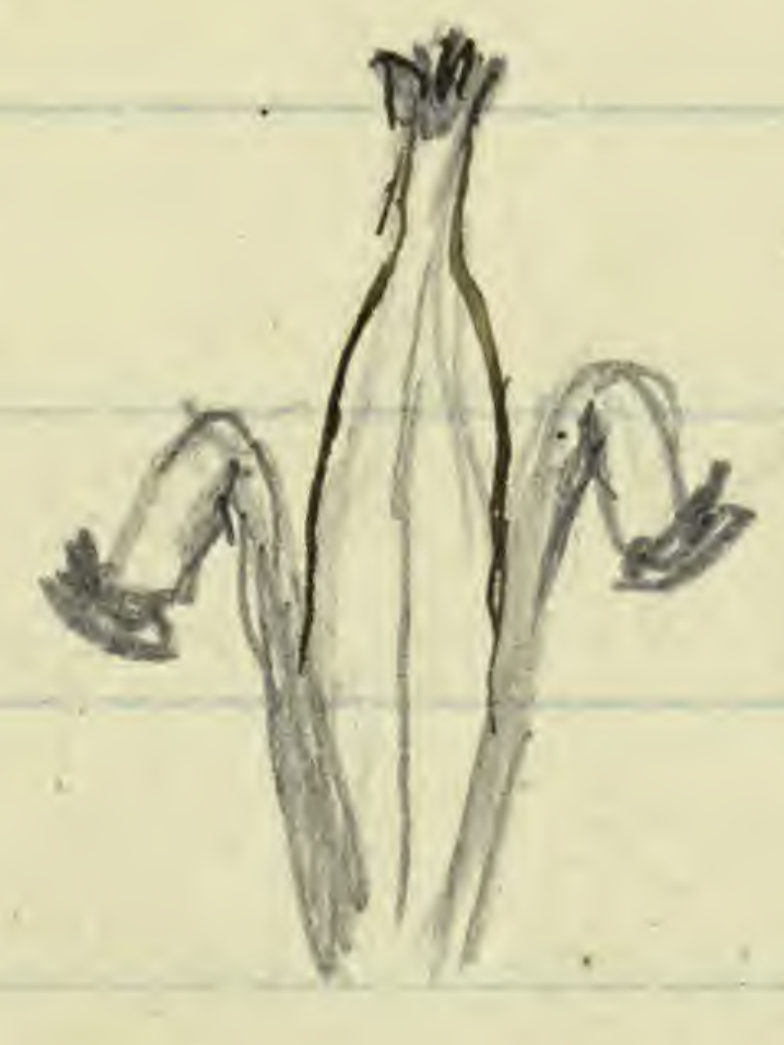
July 1862

Yucca longifolia Buckley

Proceed. Phil Acad XIV 1862 p. 8



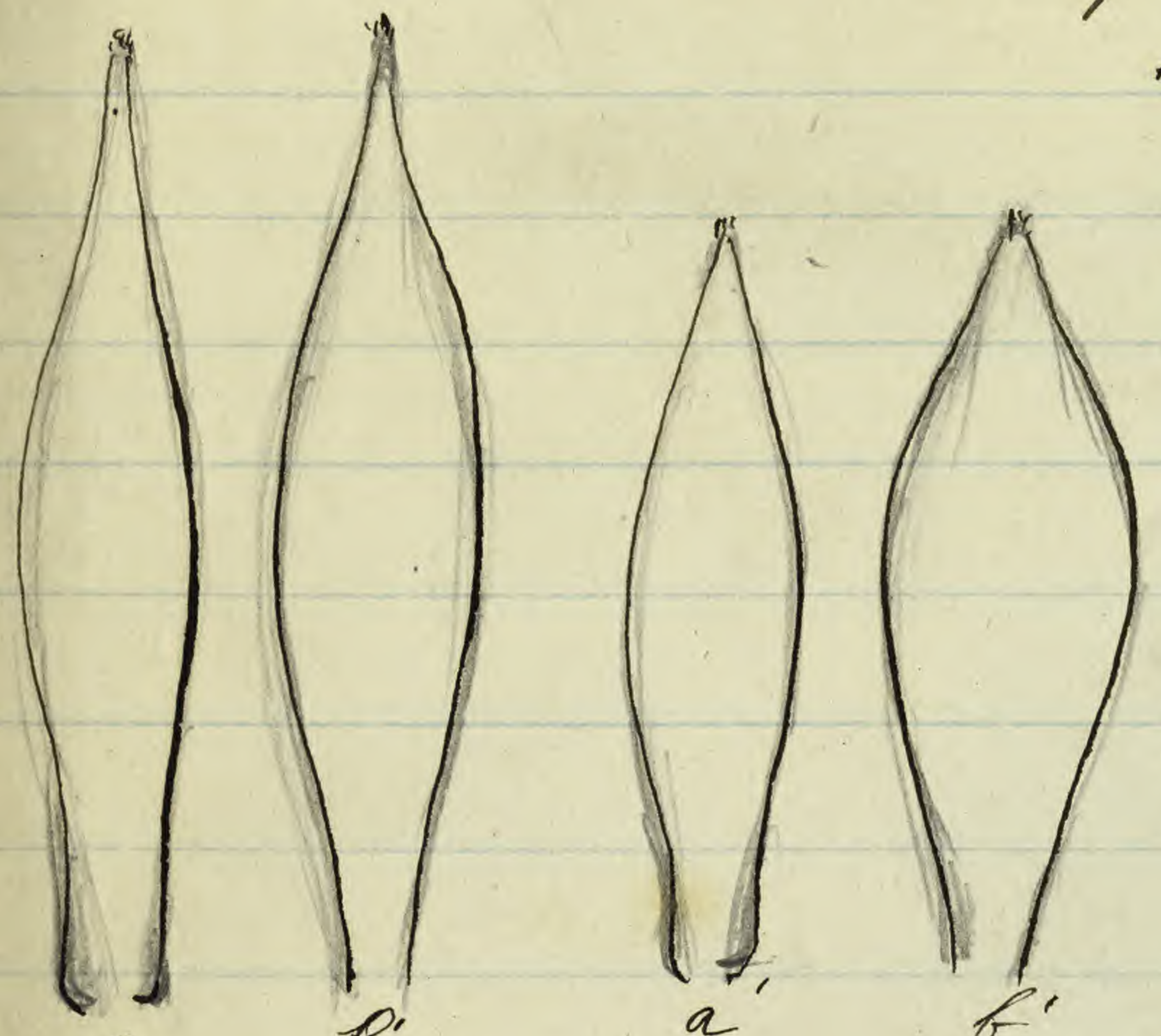
a 7-merous flower



Yucca longifolia ~~Engelm.~~ Buckley

? Y. Treculiana Carrière Revue Hortic 7.580

Segmentis perigonii lanceolatis acuminatis, apice obtusiusculo pubescentibus, exterioribus quam interiores paulo angustioribus. genitalibus florem dimidium fere aequantibus; filamentis papillosis apice ~~clavatis~~, decurvis, demum refractis; ovario prismatico, stamina vix superante, stylo distincto, stigmatibus distinctis, bifidis.



Flowers 2–2½ inch long, larger ones a & b with narrower segments, exterior and interior ones nearly equal; 5–7 lines wide; smaller ones a' & b' with internal segments much broad the internal segments much wider than external ones (5–8 lines). — Young stames erect, in the fully open flowers reflexed in the upper 3d and at last even refracted. Style distinct stigmata separated, more deeply 2 lobed, than in filamentosa & aloefolia.

Ovary cylindric; groove between carpels not closed, but exactly as in aloefolia, but lower smooth part much smaller, scarcely perceptible. cells in the upper part of ovary undivided (probably in all species!)

Y.

Y

=? Y. gigantea Lem. Rev. Hort IX. p. 222 (1860) [illegible] in Gard Chron)

(flowered in Gand Oct 1859) leaves 4½ feet long (1870 p. 1183 but glabrous, shining

8469A

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

8469B

130-137

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

Lindheimer's letter April 14th 1846. New Braunfels

Yucca [longifolia]
trunk 6–10 feet high under the leafy crown, branching (up to 7 branches seen) dead leaves hanging down on the trunk. Panicle 2–4 feet long, peduncle (axis) 1–2 inches diameter with about 40 4–8 inches long pedicels or branches from the axils of white lanceolate spinous pointed reflexed bracts (5 inches long 1 inch wide. Each branch bears 10–20 short peduncled flowers. Segments of flower 1½ inches long, inner ones a little wider; — thyrsus oft over 500 flowers.

Leaves deeply canaliculate, bright sea-green, spinous pointed, redbrown margin, and narrow whitish membran on edge; — Leaf expanded 2–3 inches wide, 2–3 feet

11 Dec 1846 .. Yucca on the steep slopes of the Guadalupe (valley or banks 8 inches diameter, 12 feet high, before dividing in 5 branches

3d Jan 1849 In the dry gravelly bed of the Cibolo the Yucca aloefolia? bears thousands of edible fruit, which I much relished — ripe in May?

15 Jan 1850 Our large Yucca is often 20 feet high — said to be common in north Mexico and larger there. The Indians here roast the fruit & peel the acrid bitterish skin off —

letters of 2 Febr & 18 May 1851

8470

SMITHSONIAN INSTITUTION,

WASHINGTON, December 30, 1869

Dr. G. Engelmann, St. Louis, Mo.

SIR:

We have this day sent to your address, by the Adams Express Co., a parcel containing the following packages; the receipt of which you will please acknowledge by dating and signing this blank, and returning the same (postage prepaid) to the Smithsonian Institution.

You will confer a favor by delivering to their respective addresses any packages which may be enclosed to other parties.

Very respectfully, your obedient servant,

JOSEPH HENRY,
Secretary S. I.

Current Number.	No. of Packages.	Address.	Received from.
19846	1	Address as above	Through Dr. Flügel Leipzic

St Louis Jan 8 1870

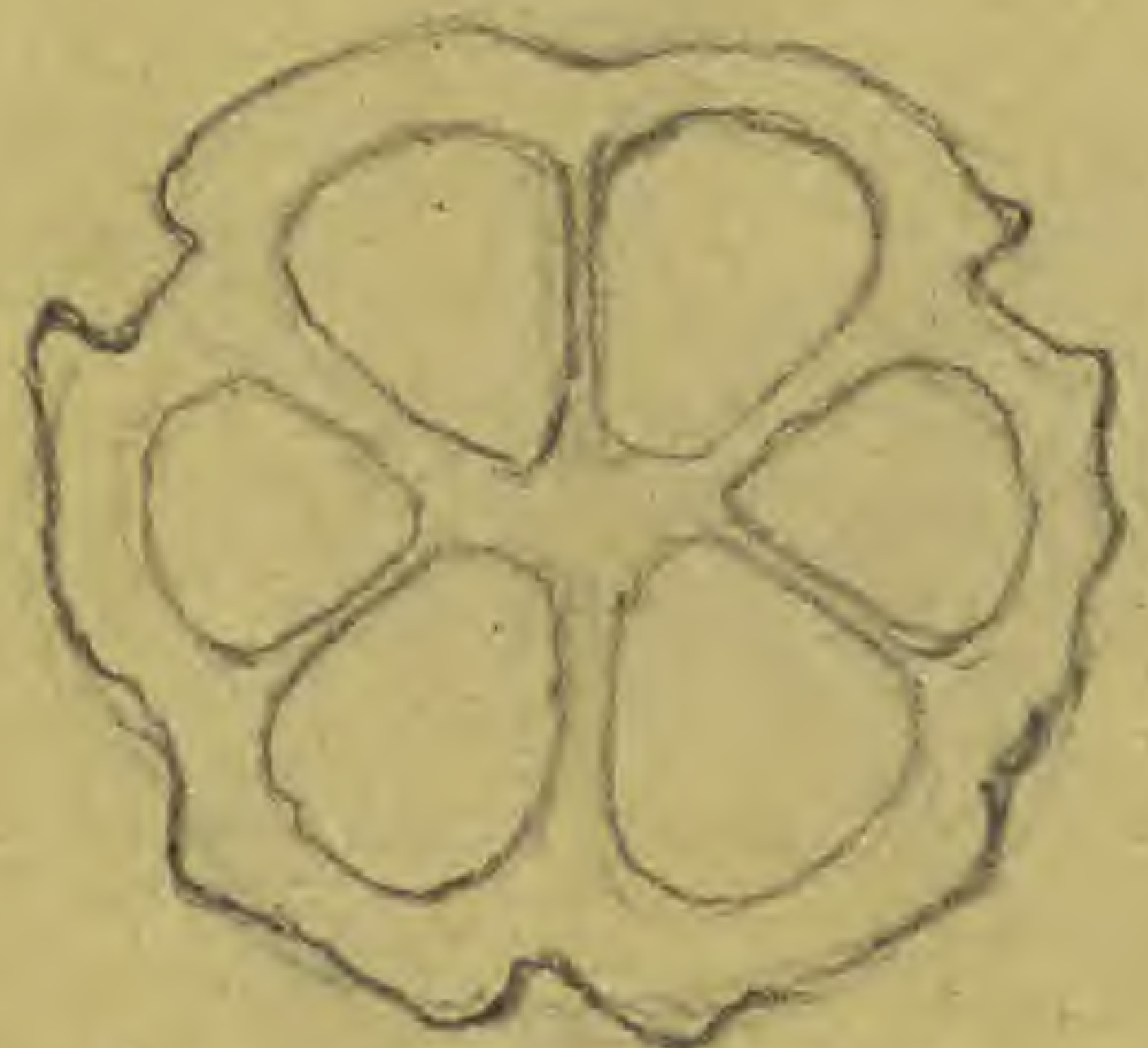
Received from the Secretary of the Smithsonian Institution, the above mentioned packages.

Dr George Engelmann

0 1 2 3 4 5 6 7 8 9 10
cm copyright reserved
MISSOURI BOTANICAL GARDEN

April 23d 73

Yucca Treculiana
N Braunfels, Lindheimer
1849



section of an almost
ripe soaked fruit

0 1 2 3 4 5 6 7 8 9 10
cm copyright reserved
MISSOURI
BOTANICAL
GARDEN

Alex. Leitch,
APOTHECARY & CHEMIST,
Cor. 4th & Olive Sts., St. Louis.

8471

St. Louis, Juni 1870.

Herr Dr. Geo. Engelmann!

Erlaube mir, Sie auf meine Buchhandlung aufmerkſam zu machen. Eine bedeutende Auswahl ſämtlicher Claſſiker, aller deutſchen und engliſchen Zeitſchriften, Lexica, wiſſenſchaftliche und Kunſtwerke, engliſche, deutſche und franzöſiſche Romane ſind ſtets vorräthig.

Auch halte ich Schreib- und Zeichen-Materialien, Blank-, Noten- und ſonſtige Geſchäftsbücher. Eine direkte Verbindung mit dem Oſten macht es mir möglich, allen Anforderungen aufs ſchnellſte und billigſte zu genügen.

Auf Ihre Kundſchaft rechnend
zeichnet ſich achtungsvoll
F. B. Meiſsner.

8472

Yucca Treculiana Carrière
Revue Horticole VII. p. 580, 1858
see also ib. X 1861 p. 304
XIV. 1865 p. 55
flowered in Paris first time in 1863.
Leaves 3–4 feet long, serrulate
2–2 1/4 inch wide

mentioned by name 1858
first described (fide K Koch) 1863
by Herincq in Horticulteur français

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN